# HOURLY VALUES MAY 1880.

## CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 120 | 30.088 | 30.060 | 30.035 | 30.016 | 29.987 | 29.971 | 29.940 | 29.958 | 29.957 | 29.952 | 30.144 | 1 |
| 192 | 29.995 | 29.998 | 30.001 | 30.014 | 30.022 | 30.030 | 30.039 | 30.041 | 30.017 | .995 | 29.986 | 2 |
| 199 | 29.893 | 29.888 | 29.893 | 29.901 | 29.905 | 29.920 | 29.936 | 29.959 | 29.962 | 29.971 | 29.902 | 3 |
| 170 | 30.074 | 30.082 | 30.099 | 30.105 | 30.112 | 30.125 | 30.148 | 30.158 | 30.168 | 30.174 | 30.068 | 4 |
| 210 | .201 | .199 | .199 | .197 | .201 | .197 | .203 | .207 | .203 | .199 | 30.200 | 5 |
| 206 | .204 | .200 | .202 | .207 | .210 | .216 | .223 | .227 | .227 | .231 | 30.201 | 6 |
| 172 | .161 | .153 | .139 | .126 | .115 | .107 | .101 | .092 | .078 | .059 | 30.173 | 7 |
| 141 | .057 | .065 | .089 | .110 | .140 | .177 | .202 | .233 | .245 | .265 | 30.073 | 8 |
| 132 | .328 | .317 | .313 | .311 | .312 | .312 | .316 | .317 | .308 | .301 | 30.318 | 9 |
| 142 | 30.109 | 30.089 | 30.073 | 30.052 | 30.037 | 30.026 | 30.022 | 30.021 | 30.012 | 30.007 | 30.147 | 10 |
| 841 | 29.836 | 29.825 | 29.822 | 29.822 | 29.850 | 29.866 | 29.884 | 29.904 | 29.902 | 29.899 | 29.899 | 11 |
| 950 | 29.955 | 29.958 | 29.967 | 29.991 | 30.010 | 30.034 | 30.048 | 30.063 | 30.072 | 30.075 | 29.952 | 12 |
| 967 | 30.064 | 30.061 | 30.054 | 30.049 | .050 | .063 | .070 | .078 | .071 | .062 | 30.070 | 13 |
| 010 | .011 | .025 | .033 | .037 | .045 | .045 | .051 | .062 | .058 | .058 | 30.033 | 14 |
| 044 | .036 | .041 | .045 | .046 | .047 | .058 | .075 | .086 | .081 | .078 | 30.054 | 15 |
| 089 | .086 | .094 | .091 | .092 | .095 | .102 | .129 | .147 | .151 | .162 | 30.098 | 16 |
| 230 | .229 | .231 | .225 | .229 | .234 | .253 | .278 | .287 | .299 | .304 | 30.218 | 17 |
| 358 | .355 | .345 | .341 | .347 | .354 | .357 | .365 | .363 | .359 | .355 | 30.347 | 18 |
| 335 | .339 | .334 | .330 | .335 | .339 | .340 | .359 | .366 | .368 | .367 | 30.337 | 19 |
| 145 | .439 | .431 | .440 | .447 | .451 | .452 | .451 | .447 | .444 | .439 | 30.416 | 20 |
| 309 | .289 | .273 | .245 | .220 | .202 | .188 | .175 | .156 | .130 | .117 | 30.306 | 21 |
| 051 | 30.055 | 30.061 | 30.064 | 30.059 | 30.061 | 30.054 | 30.056 | 30.051 | 30.040 | 30.027 | 30.051 | 22 |
| 811 | 29.800 | 29.790 | 29.776 | 29.766 | 29.744 | 29.730 | 29.712 | 29.693 | 29.670 | 29.662 | 29.828 | 23 |
| 886 | .886 | .895 | .900 | .899 | .904 | .909 | .917 | .922 | .919 | .918 | 29.839 | 24 |
| 841 | .812 | 790 | .769 | 755 | .737 | .733 | 732 | .732 | .720 | .713 | 29.836 | 25 |
| 856 | 29.848 | 29.852 | 29.851 | 29.852 | 29.854 | 29.868 | 29.868 | 29.871 | 29.873 | 29.868 | 29.818 | 26 |
| 989 | 30.000 | 30.018 | 30.024 | 30.040 | 30.051 | 30.079 | 30.099 | 30.127 | 30.143 | 30.165 | 29.974 | 27 |
| 399 | .407 | .414 | .420 | .427 | .438 | .448 | .458 | .465 | .473 | .473 | 30.355 | 28 |
| 394 | .380 | .358 | .344 | .323 | .305 | .293 | .284 | .272 | .247 | .219 | 30.389 | 29 |
| 073 | .076 | .073 | .068 | .070 | .073 | .074 | .092 | .089 | .083 | .078 | 30.088 | 30 |
| 046 | 30.045 | 30.041 | 30.043 | 30.050 | 30.064 | 30.073 | 30.085 | 30.112 | 30.117 | 30.143 | 30.064 | 31 |

# WET BULB THERMOMETER 12 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41.9 | 41.2 | 40.7 | 40.8 | 40.7 | 43.6 | 46.1 | 47.9 | 49.1 | 50.8 | 50.7 | 51.5 | 50.6 | 50.5 | 50.3 | 50.6 | 49.9 | 49.8 | 49.2 | 48.6 | 45.9 | 45.8 | 45.4 | 46.8 | 1 |
| 43.1 | 43.0 | 42.8 | 41.5 | 41.5 | 42.8 | 43.4 | 45.5 | 45.1 | 46.0 | 46.8 | 47.3 | 47.5 | 47.8 | 46.1 | 46.8 | 43.9 | 43.4 | 42.5 | 42.4 | 41.3 | 41.2 | 42.1 | 44.1 | 2 |
| 42.6 | 43.6 | 44.0 | 42.8 | 41.2 | 41.1 | 41.7 | 42.8 | 42.2 | 43.8 | 44.3 | 46.0 | 45.7 | 46.2 | 46.8 | 45.7 | 44.6 | 43.0 | 41.6 | 41.1 | 41.7 | 41.3 | 41.2 | 43.2 | 3 |
| 41.1 | 41.2 | 40.9 | 41.3 | 41.9 | 43.1 | 43.9 | 45.6 | 46.3 | 47.8 | 48.1 | 48.4 | 49.7 | 51.0 | 50.2 | 49.7 | 49.7 | 48.9 | 47.0 | 46.1 | 45.9 | 45.6 | 45.5 | 45.8 | 4 |
| 44.5 | 43.7 | 43.5 | 42.0 | 42.9 | 44.1 | 45.4 | 46.0 | 46.8 | 47.2 | 47.0 | 47.7 | 48.7 | 49.2 | 49.3 | 49.3 | 48.2 | 48.5 | 48.0 | 48.4 | 48.8 | 49.1 | 49.5 | 46.8 | 5 |
| 49.6 | 49.2 | 46.8 | 48.9 | 47.7 | 47.3 | 47.3 | 46.2 | 46.0 | 46.7 | 47.1 | 47.0 | 47.4 | 48.2 | 48.8 | 48.3 | 46.6 | 46.4 | 45.2 | 44.8 | 44.8 | 44.8 | 44.1 | 47.1 | 6 |
| 42.9 | 41.5 | 40.9 | 42.0 | 42.2 | 46.0 | 44.1 | 44.8 | 46.0 | 46.9 | 46.8 | 47.3 | 47.8 | 48.9 | 49.2 | 48.8 | 48.0 | 47.5 | 47.5 | 46.0 | 46.0 | 46.7 | 46.7 | 45.7 | 7 |
| 46.4 | 46.7 | 46.1 | 46.6 | 46.4 | 46.6 | 46.9 | 48.2 | 48.8 | 48.2 | 47.3 | 48.5 | 48.9 | 49.2 | 49.9 | 49.2 | 50.2 | 49.7 | 47.9 | 45.9 | 44.9 | 44.8 | 42.9 | 47.4 | 8 |
| 41.1 | 41.5 | 40.9 | 40.9 | 41.1 | 44.7 | 45.7 | 46.4 | 47.3 | 49.5 | 50.0 | 51.3 | 52.3 | 51.8 | 52.9 | 52.0 | 50.8 | 50.7 | 48.4 | 48.3 | 46.7 | 46.3 | 45.6 | 47.0 | 9 |
| 45.5 | 43.1 | 44.8 | 44.9 | 45.3 | 48.5 | 48.8 | 48.9 | 47.9 | 47.9 | 47.9 | 48.9 | 48.8 | 50.0 | 50.8 | 50.5 | 50.3 | 49.9 | 49.9 | 50.1 | 48.8 | 48.5 | 47.8 | 48.0 | 10 |
| 46.1 | 45.7 | 45.4 | 44.7 | 44.8 | 45.2 | 46.0 | 47.4 | 47.1 | 47.9 | 48.0 | 47.6 | 47.8 | 46.0 | 46.8 | 45.0 | 44.9 | 45.0 | 45.6 | 45.6 | 44.6 | 44.7 | 44.6 | 46.0 | 11 |
| 44.5 | 44.2 | 43.9 | 44.1 | 44.5 | 45.9 | 46.6 | 47.3 | 47.6 | 47.8 | 48.9 | 49.5 | 49.9 | 50.3 | 50.0 | 49.8 | 50.2 | 48.8 | 47.6 | 46.9 | 46.6 | 45.8 | 45.6 | 47.1 | 12 |
| 45.8 | 45.0 | 43.6 | 43.8 | 44.5 | 45.1 | 46.6 | * | 49.5 | 50.2 | 49.8 | 51.5 | 50.1 | 49.3 | 49.4 | 50.4 | 49.5 | 48.9 | 48.8 | 48.8 | 49.1 | 49.2 | 49.0 | 47.9 | 13 |
| 49.5 | 50.3 | 49.3 | 50.5 | 50.3 | 50.4 | 50.7 | 52.0 | 51.3 | 53.2 | 51.9 | 52.9 | 53.0 | 53.2 | 53.0 | 53.8 | 52.7 | 51.6 | 51.7 | 50.6 | 50.7 | 50.9 | 50.5 | 51.4 | 14 |
| 50.7 | 51.8 | 51.8 | 52.9 | 53.2 | 54.6 | 55.1 | 57.1 | 59.0 | 58.9 | 58.8 | 61.5 | 60.4 | 62.9 | 61.4 | 58.5 | 56.6 | 57.1 | 56.6 | 54.0 | 55.0 | 54.6 | 54.5 | 56.2 | 15 |
| 58.6 | 53.1 | 51.6 | 51.8 | 52.2 | 53.2 | 53.9 | 54.2 | 56.0 | 58.3 | 58.9 | 57.3 | 57.6 | 56.1 | 55.0 | 54.9 | 55.8 | 54.4 | 52.9 | 51.8 | 51.5 | 51.6 | 50.9 | 54.1 | 16 |
| 48.9 | 48.8 | 48.9 | 47.9 | 48.6 | 49.9 | 49.9 | 50.7 | 52.2 | 54.9 | 54.7 | 55.7 | 55.5 | 53.9 | 56.8 | 56.9 | 57.9 | 56.2 | 55.1 | 52.7 | 50.7 | 49.3 | 49.1 | 52.3 | 17 |
| 47.2 | 46.8 | 47.2 | 46.2 | 47.0 | 49.0 | 50.1 | 51.2 | 53.4 | 53.9 | 51.5 | 52.1 | 53.4 | 52.2 | 53.1 | 53.0 | 52.1 | 53.3 | 53.3 | 51.1 | 50.9 | 52.3 | 51.7 | 50.9 | 18 |
| 52.0 | 51.9 | 51.5 | 51.8 | 51.9 | 52.8 | 52.1 | 54.1 | 55.9 | 55.0 | 54.4 | 55.9 | 56.0 | 55.9 | 56.2 | 55.6 | 54.0 | 53.7 | 52.0 | 48.9 | 48.0 | 49.2 | 48.9 | 52.9 | 19 |
| 48.5 | 48.0 | 48.1 | 47.8 | 48.5 | 50.4 | 51.1 | 52.4 | 51.4 | 53.5 | 53.7 | 53.5 | 52.9 | 52.4 | 48.6 | 51.4 | 54.8 | 54.1 | 53.2 | 52.0 | 50.9 | 50.9 | 50.5 | 51.2 | 20 |
| 50.5 | 50.2 | 51.3 | 51.3 | 51.7 | 52.5 | 53.1 | 53.1 | 53.3 | 54.0 | 55.7 | 56.7 | 55.6 | 55.5 | 56.0 | 56.7 | 55.9 | 54.9 | 54.4 | 53.6 | 53.0 | 52.6 | 52.5 | 53.5 | 21 |
| 52.7 | 50.3 | 49.1 | 49.3 | 49.6 | 50.2 | 51.1 | 52.1 | 51.1 | 51.6 | 50.6 | 52.4 | 52.7 | 52.6 | 52.5 | 50.9 | 51.3 | 50.5 | 50.4 | 50.4 | 50.6 | 50.7 | 50.5 | 51.1 | 22 |
| 50.5 | 50.3 | 51.0 | 50.6 | 50.6 | 51.1 | 51.2 | 51.3 | 51.8 | 51.9 | 52.6 | 52.2 | 52.5 | 51.9 | 51.9 | 52.2 | 52.0 | 52.1 | 51.0 | 52.3 | 52.2 | 52.7 | 52.9 | 51.6 | 23 |
| 50.9 | 50.9 | 48.7 | 47.9 | 47.1 | 46.6 | 46.5 | 46.1 | 46.8 | 46.1 | 47.6 | 47.5 | 48.7 | 48.3 | 48.3 | 46.8 | 46.5 | 46.9 | 45.2 | 44.9 | 45.8 | 46.0 | 46.7 | 47.5 | 24 |
| 46.0 | 46.2 | 46.6 | 47.1 | 47.7 | 49.4 | 48.9 | 49.8 | 50.1 | 51.6 | 51.9 | 52.8 | 52.1 | 53.0 | 53.8 | 53.6 | 53.4 | 53.3 | 53.1 | 53.1 | 53.2 | 53.3 | 53.4 | 50.8 | 25 |
| 53.3 | 48.6 | 47.3 | 46.9 | 47.5 | 48.1 | 49.4 | 48.6 | 48.6 | 48.5 | 49.1 | 49.3 | 48.9 | 49.7 | 48.7 | 48.3 | 47.3 | 46.8 | 46.4 | 45.0 | 46.9 | 45.2 | 45.0 | 48.1 | 26 |
| 45.3 | 45.1 | 43.8 | 42.2 | 44.3 | 46.7 | 45.9 | 47.0 | 46.7 | 48.7 | 48.9 | 47.4 | 46.9 | 47.1 | 48.0 | 47.3 | 47.9 | 46.7 | 45.9 | 45.9 | 45.1 | 44.6 | 44.3 | 46.1 | 27 |
| 44.1 | 43.9 | 43.5 | 43.4 | 43.9 | 45.3 | 45.6 | 46.7 | 46.9 | 47.7 | 48.8 | 49.2 | 49.0 | 48.8 | 49.4 | 49.4 | 48.2 | 49.8 | 48.3 | 45.8 | 45.4 | 45.2 | 44.8 | 46.6 | 28 |
| 43.1 | 43.5 | 42.8 | 43.6 | 46.7 | 48.8 | 50.1 | 49.6 | 49.1 | 49.9 | 50.0 | 51.2 | 51.8 | 52.4 | 52.9 | 52.8 | 52.6 | 50.8 | 50.9 | 50.9 | 51.0 | 50.9 | 50.8 | 49.2 | 29 |
| 51.0 | 50.9 | 51.5 | 51.7 | 52.0 | 52.6 | 53.1 | 53.3 | 52.9 | 53.0 | 51.6 | 52.7 | 53.0 | 52.6 | 52.4 | 52.7 | 52.8 | 51.6 | 51.2 | 51.0 | 50.8 | 50.6 | 50.8 | 51.9 | 30 |
| 50.3 | 50.3 | 48.4 | 49.2 | 50.6 | 50.2 | 50.5 | 51.4 | 50.6 | 51.8 | 52.1 | 51.1 | 51.2 | 52.5 | 52.6 | 52.6 | 50.9 | 51.2 | 51.2 | 50.3 | 50.6 | 50.5 | 50.8 | 50.9 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

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# VALENCIA OBSERVATORY LAT: 51° 55′ N. LONG: 10° 18′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS. | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 22 | 2 | 22 | 2 | 22 | 3 | 29 | 3 | 29 | 2 | 29 | 2 | 29 | 4 | 8 | 4.5 | 16 | 10.5 | 16 | 11 | 15 | 15 | 16 | 20 | 17 |
| 2 | 31 | 21 | 31 | 24 | 31 | 27 | 31 | 29 | 31 | 24 | 31 | 27 | 31 | 25 | 32 | 22 | 1 | 28 | 32 | 27 | 1 | 27 | 1 | 29 | 32 |
| 3 | 30 | 10.5 | 28 | 11 | 27 | 13 | 27 | 20 | 30 | 17 | 30 | 27 | 30 | 23 | 32 | 29 | 1 | 31 | 1 | 38 | 2 | 35 | 3 | 25 | 2 |
| 4 | 3 | 25 | 3 | 25 | 3 | 22 | 3 | 20 | 3 | 19 | 3 | 22 | 4 | 24 | 4 | 23 | 4 | 20 | 2 | 16 | 1 | 21 | 3 | 19 | 5 |
| 5 | 3 | 13 | 3 | 9.5 | 2 | 8.5 | 3 | 4 | 4 | 3 | 3 | 5.5 | 3 | 10.5 | 2 | 17 | 1 | 16 | 1 | 14 | 1 | 12 | 29 | 14 | 30 |
| 6 | 30 | 9.5 | 30 | 9.5 | 30 | 10.5 | 30 | 6.5 | 30 | 8.5 | 32 | 12 | 1 | 17 | 2 | 15 | 32 | 16 | 32 | 15 | 1 | 17 | 2 | 20 | 1 |
| 7 | 32 | 4 | 4 | 8.5 | 4 | 4 | 5 | 2 | 5 | 4 | 5 | 2 | 5 | 6.5 | 5 | 11 | 5 | 9.5 | 2 | 8.5 | 30 | 10.5 | 29 | 16 | 28 |
| 8 | 14 | 5.5 | 14 | 3 | 14 | 2 | 14 | 4 | 14 | 3 | 14 | 6.5 | 9 | 4.5 | 5 | 5.5 | 2 | 4 | 5 | 12 | 6 | 20 | 6 | 22 | 5 |
| 9 | 4 | 4.5 | 4 | 4 | 4 | 4 | 4 | 4.5 | 3 | 4.5 | 3 | 2 | 1 | 7.5 | 1 | 7.5 | 3 | 14 | 2 | 9.5 | 1 | 12 | 32 | 17 | 32 |
| 10 | 4 | 4 | 1 | 2 | 1 | 2 | 1 | 2 | 1 | 3 | 1 | 4 | 1 | 7.5 | 1 | 7.5 | 2 | 18 | 2 | 17 | 2 | 17 | 2 | 12 | 1 |
| 11 | 4 | 19 | 3 | 19 | 3 | 30 | 3 | 18 | 2 | 21 | 1 | 20 | 2 | 23 | 3 | 20 | 4 | 28 | 4 | 26 | 4 | 25 | 4 | 25 | 3 |
| 12 | 2 | 15 | 5 | 13 | 6 | 17 | 6 | 14 | 6 | 18 | 7 | 14 | 7 | 18 | 7 | 20 | 7 | 26 | 8 | 26 | 12 | 18 | 8 | 23 | 9 |
| 13 | 4 | 13 | 5 | 21 | 6 | 10.5 | 8 | 9.5 | 8 | 14 | 7 | 13 | 4 | 16 | 5 | 11 | 7 | 20 | 7 | 24 | 8 | 26 | 8 | 28 | 8 |
| 14 | 4 | 17 | 4 | 16 | 8 | 25 | 8 | 26 | 8 | 24 | 9 | 20 | 10 | 20 | 9 | 25 | 9 | 28 | 9 | 21 | 9 | 30 | 9 | 31 | 9 |
| 15 | 3 | 5.5 | 3 | 3 | 4 | 4 | 3 | 10.5 | 2 | 6.5 | 1 | 4.5 | 6 | 5.5 | 6 | 19 | 5 | 14 | 3 | 8.5 | 3 | 12 | 5 | 17 | 3 |
| 16 | 31 | 9.5 | 31 | 3 | 31 | 8.5 | 31 | 7.5 | 1 | 11 | 2 | 5.5 | 4 | 4.5 | 2 | 4.5 | 5 | 13 | 6 | 9.5 | 1 | 8.5 | 29 | 11 | 21 |
| 17 | 28 | 4 | 21 | 3 | 28 | 5.5 | 29 | 5.5 | 29 | 4 | ‡3 | 3 | 8 | 4.5 | 7 | 11 | 6 | 9.5 | ‡9 | 11 | 9 | 9.5 | 16 | 7.5 | 22 |
| 18 | 4 | 4 | 4 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4.5 | 15 | 4 | 16 | 2 | 25 | 7.5 | 23 | 8.5 | 23 | 13 | 21 |
| 19 | 30 | 4 | 22 | 4 | 27 | 4 | 29 | 4 | 26 | 2 | 28 | 7.5 | 29 | 11 | 31 | 17 | 31 | 13 | 3 | 8.5 | 28 | 15 | 29 | 16 | 29 |
| 20 | 30 | 11 | 30 | 10.5 | 30 | 13 | 30 | 10.5 | 30 | 9.5 | 30 | 7.5 | 30 | 8.5 | 30 | 6.5 | 30 | 10.5 | 29 | 13 | 29 | 15 | 28 | 14 | 27 |
| 21 | 29 | 5.5 | 29 | 3 | 29 | 4 | 26 | 10.5 | 26 | 6.5 | 26 | 7.5 | 26 | 7.5 | 26 | 8.5 | 26 | 10.5 | 24 | 10.5 | 23 | 12 | 20 | 16 | 20 |
| 22 | 23 | 19 | 23 | 20 | 25 | 24 | 25 | 22 | 24 | 23 | 25 | 22 | 25 | 23 | 24 | 24 | 24 | 24 | 25 | 25 | 26 | 25 | 26 | 26 | 26 |
| 23 | 22 | 18 | 22 | 20 | 22 | 20 | 21 | 23 | 22 | 27 | 21 | 28 | 21 | 30 | 21 | 36 | 21 | 31 | 21 | 33 | 20 | 35 | 20 | 29 | 20 |
| 24 | 20 | 30 | 22 | 26 | 22 | 24 | 23 | 17 | 25 | 17 | 26 | 16 | 23 | 20 | 24 | 20 | 24 | 20 | 23 | 16 | 21 | 20 | 20 | 22 | 21 |
| 25 | 21 | 9.5 | 21 | 8.5 | 22 | 5.5 | 21 | 13 | 20 | 15 | 19 | 16 | 18 | 20 | 17 | 23 | 17 | 22 | 16 | 24 | 14 | 24 | 14 | 27 | 13 |
| 26 | 17 | 48 | 17 | 31 | 22 | 17 | 22 | 16 | 22 | 15 | 21 | 13 | 21 | 13 | 21 | 13 | 21 | 13 | 23 | 17 | 23 | 16 | 21 | 16 | 21 |
| 27 | 25 | 7.5 | 25 | 6.5 | 26 | 10.5 | 26 | 10.5 | 26 | 9.5 | 26 | 9.5 | 25 | 10.5 | 25 | 10.5 | 25 | 14 | 25 | 19 | 24 | 19 | 24 | 20 | 23 |
| 28 | 27 | 12 | 27 | 9.5 | 27 | 9.5 | 27 | 10.5 | 27 | 10.5 | 27 | 10.5 | 26 | 11 | 24 | 12 | 26 | 16 | 26 | 13 | 25 | 16 | 24 | 14 | 24 |
| 29 | 25 | 2 | 25 | 2 | 25 | 2 | 25 | 3 | 25 | 3 | 25 | 7.5 | 13 | 11 | 13 | 14 | 16 | 20 | 17 | 22 | 17 | 25 | 16 | 29 | 16 |
| 30 | 15 | 40 | 14 | 40 | 14 | 43 | 16 | 41 | 16 | 38 | 16 | 39 | 16 | 41 | 17 | 33 | 20 | 15 | 21 | 10.5 | 20 | 16 | 20 | 14 | 21 |
| 31 | 25 | 10.5 | 26 | 6.5 | 26 | 10.5 | 27 | 7.5 | 27 | 4 | 27 | 4.5 | 28 | 6.5 | 30 | 7.5 | 30 | 7.5 | 28 | 8.5 | 28 | 7.5 | 27 | 14 | 27 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 11 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | | | | | | | .020 | .025 | .045 | .030 | .005 |
| 2 | .095 | | | | .005 | .002 | .002 | .002 | .002 | .002 | | | | | | | | | | | | | | |
| 3 | | | | .050 | .025 | .020 | .002 | | .003 | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | .005 | .025 | .020 | .030 | .045 | .023 | .030 | .010 | .003 | .002 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | | | .003 | | | | .003 | .004 | | | | | .045 | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | .310 | | | | | | | |
| 16 | | | | | | .005 | | | | .005 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | .010 | .015 | | | | | | | | | | | | | |
| 23 | | | | | | | | | | .010 | | | | .005 | | .005 | .020 | .025 | .040 | .050 | .050 | .015 | | |
| 24 | | | | .008 | .012 | .003 | .003 | .032 | | | | | | | | | | | | | | | | |
| 25 | | | .003 | .002 | .025 | | | .005 | .003 | | | | | | .020 | .028 | .005 | .007 | .035 | .003 | | | | |
| 26 | | | .030 | .018 | .002 | .018 | .004 | .003 | .002 | .003 | | | | | | | | | | | | | | |
| 27 | .008 | | | | | | | .050 | .002 | | | | | | | | | | | | | .003 | | |
| 28 | | | .005 | .004 | .003 | .003 | .002 | .002 | .003 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | .020 | .030 | .080 |
| 30 | .030 | .065 | .115 | .175 | .190 | .135 | .045 | .018 | .017 | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR.

| | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | | | |
| 1 | 26 | 17 | 27 | 18 | 28 | 18 | 24 | 19 | 27 | 19 | 29 | 19 | 25 | 19 | 25 | 29 | 16 | 30 | 11 | 29 | 14 | | | | 1 |
| 2 | 28 | 32 | 24 | 32 | 25 | 32 | 23 | 31 | 22 | 31 | 21 | 32 | 24 | 32 | 17 | 32 | 17 | 32 | 11 | 31 | 11 | | | | 2 |
| 3 | 27 | 32 | 30 | 32 | 31 | 32 | 29 | 32 | 29 | 1 | 26 | 1 | 26 | 2 | 26 | 2 | 20 | 2 | 26 | 3 | 27 | | | | 3 |
| 4 | 25 | 3 | 25 | 4 | 26 | 3 | 22 | 2 | 18 | 2 | 17 | 2 | 19 | 2 | 11 | 2 | 9.5 | 2 | 6.5 | 2 | 6.5 | | | | 4 |
| 5 | 17 | 30 | 19 | 30 | 20 | 31 | 14 | 30 | 20 | 31 | 13 | 31 | 17 | 30 | 16 | 30 | 12 | 31 | 8.5 | 31 | 6.5 | | | | 5 |
| 6 | 20 | 1 | 18 | 1 | 16 | 32 | 16 | 32 | 16 | 1 | 11 | 32 | 10.5 | 32 | 9.5 | 32 | 8.5 | 32 | 3 | 32 | 4 | | | | 6 |
| 7 | 16 | 27 | 13 | 25 | 9.5 | 27 | 12 | 24 | 10.5 | 24 | 4.5 | 24 | 3 | 24 | 2 | 16 | 1.5 | 16 | 2 | 16 | 4.5 | | | | 7 |
| 8 | 18 | 7 | 21 | 9 | 20 | 9 | 21 | 9 | 17 | 9 | 16 | 9 | 17 | 5 | 15 | 9 | 4.5 | 12 | 3 | 13 | 2 | | | | 8 |
| 9 | 15 | 29 | 14 | 30 | 16 | 30 | 15 | 31 | 13 | 28 | 10.5 | 29 | 10.5 | 31 | 5.5 | 1 | 3 | 1 | 8.5 | 4 | 4 | | | | 9 |
| 10 | 9.5 | 28 | 15 | 30 | 14 | 30 | 12 | 30 | 10.5 | 30 | 6.5 | 31 | 12 | 32 | 11 | 4 | 17 | 4 | 20 | 4 | 22 | | | | 10 |
| 11 | 28 | 4 | 28 | 5 | 26 | 6 | 34 | 5 | 30 | 8 | 25 | 8 | 26 | 8 | 22 | 6 | 17 | 6 | 14 | 5 | 11 | | | | 11 |
| 12 | 27 | 9 | 25 | 9 | 28 | 9 | 25 | 9 | 27 | 9 | 22 | 9 | 16 | 8 | 24 | 8 | 23 | 8 | 14 | 8 | 12 | | | | 12 |
| 13 | 24 | 8 | 20 | 8 | 23 | 8 | 26 | 8 | 23 | 8 | 24 | 8 | 24 | 8 | 24 | 8 | 22 | 8 | 16 | 4 | 9.5 | | | | 13 |
| 14 | 29 | 9 | 28 | 9 | 22 | 11 | 5.5 | 9 | 21 | 9 | 18 | 8 | 7.5 | 7 | 8.5 | 8 | 4 | 5 | 7.5 | 3 | 6.5 | | | | 14 |
| 15 | 14 | 4 | 17 | 6 | 13 | 19 | 10.5 | 21 | 9.5 | 22 | 4.5 | 22 | 4 | 22 | 1.5 | 32 | 5.5 | 2 | 4 | 32 | 9.5 | | | | 15 |
| 16 | 16 | 21 | 22 | 21 | 15 | 21 | 15 | 22 | 13 | 23 | 14 | 23 | 13 | 23 | 10.5 | 23 | 7.5 | 23 | 2 | 28 | 3 | | | | 16 |
| 17 | 13 | 24 | 16 | 20 | 16 | 21 | 13 | 26 | 8.5 | ‡ 1 | 18 | 3 | 11 | 6 | 5.5 | 13 | 4 | 14 | 4.5 | 12 | 4 | | | | 17 |
| 18 | 14 | 24 | 14 | 24 | 13 | 24 | 13 | 24 | 10.5 | 26 | 8.5 | 26 | 4 | 25 | 9.5 | 28 | 10.5 | 30 | 11 | 30 | 6.5 | | | | 18 |
| 19 | 20 | 28 | 16 | 29 | 18 | 30 | 19 | 30 | 17 | 29 | 13 | 29 | 11 | 29 | 12 | 29 | 9.5 | 31 | 5.5 | 30 | 7.5 | | | | 19 |
| 20 | 16 | 28 | 14 | 28 | 17 | 29 | 16 | 29 | 12 | 29 | 12 | 29 | 7.5 | 29 | 6.5 | 29 | 4.5 | 29 | 5.5 | 29 | 5.5 | | | | 20 |
| 21 | 19 | 21 | 23 | 21 | 20 | 21 | 18 | 21 | 16 | 21 | 17 | 21 | 17 | 21 | 16 | 21 | 13 | 22 | 17 | 23 | 18 | | | | 21 |
| 22 | 28 | 26 | 28 | 26 | 24 | 26 | 20 | 26 | 19 | 26 | 15 | 25 | 12 | 24 | 15 | 23 | 16 | 22 | 18 | 22 | 20 | | | | 22 |
| 23 | 33 | 20 | 33 | 20 | 33 | 20 | 33 | 20 | 30 | 20 | 25 | 21 | 21 | 20 | 34 | 20 | 40 | 19 | 40 | 20 | 40 | | | | 23 |
| 24 | 24 | 21 | 25 | 21 | 20 | 23 | 20 | 21 | 20 | 21 | 20 | 21 | 14 | 21 | 11 | 20 | 11 | 20 | 13 | 19 | 17 | | | | 24 |
| 25 | 30 | 13 | 30 | 15 | 36 | 16 | 40 | 15 | 40 | 16 | 44 | 16 | 43 | 16 | 45 | 16 | 46 | 16 | 46 | 16 | 50 | | | | 25 |
| 26 | 18 | 21 | 16 | 23 | 16 | 24 | 14 | 23 | 13 | 22 | 10.5 | 24 | 7.5 | 24 | 6.5 | 24 | 5.5 | 24 | 4.5 | 24 | 6.5 | | | | 26 |
| 27 | 18 | 24 | 19 | 24 | 20 | 24 | 18 | 24 | 20 | 24 | 15 | 24 | 15 | 24 | 12 | 26 | 14 | 26 | 13 | 24 | 15 | | | | 27 |
| 28 | 17 | 25 | 15 | 24 | 18 | 24 | 17 | 24 | 14 | 25 | 12 | 25 | 10.5 | 25 | 8.5 | 25 | 8.5 | 25 | 8.5 | 25 | 5.5 | | | | 28 |
| 29 | 30 | 17 | 33 | 16 | 31 | 16 | 32 | 16 | 32 | 16 | 28 | 16 | 28 | 16 | 27 | 16 | 30 | 15 | 32 | 14 | 37 | | | | 29 |
| 30 | 18 | 21 | 16 | 22 | 16 | 21 | 15 | 22 | 16 | 23 | 13 | 23 | 7.5 | 23 | 9.5 | 23 | 10.5 | 24 | 7.5 | 24 | 7.5 | | | | 30 |
| 31 | 17 | 29 | 15 | 30 | 16 | 30 | 16 | 31 | 16 | 31 | 15 | 32 | 16 | 32 | 17 | 32 | 11 | 32 | 13 | 5 | 4 | | | | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | .252 | .248 | .243 | .246 | .247 | .271 | .294 | .295 | .306 | .322 | .324 | .337 | .325 | .327 | .330 | .337 | .328 | .330 | .336 | .325 | .292 | .287 | .287 | 1 |
| 2 | .234 | .233 | .232 | .219 | .215 | .233 | .232 | .253 | .246 | .247 | .257 | .261 | .263 | .270 | .246 | .259 | .225 | .218 | .220 | .224 | .210 | .215 | .226 | 2 |
| 3 | .228 | .257 | .267 | .245 | .220 | .223 | .221 | .238 | .216 | .242 | .246 | .252 | .254 | .252 | .258 | .242 | .233 | .217 | .201 | .196 | .213 | .214 | .215 | 3 |
| 4 | .223 | .226 | .227 | .234 | .241 | .251 | .252 | .270 | .271 | .280 | .276 | .278 | .291 | .297 | .289 | .279 | .291 | .282 | .270 | .276 | .277 | .281 | .284 | 4 |
| 5 | .269 | .264 | .265 | .252 | .259 | .267 | .270 | .264 | .268 | .266 | .262 | .269 | .284 | .285 | .288 | .280 | .278 | .299 | .301 | .314 | .321 | .335 | .341 | 5 |
| 6 | .348 | .340 | .332 | .331 | .305 | .294 | .292 | .266 | .254 | .262 | .267 | .253 | .260 | .265 | .274 | .272 | .261 | .259 | .257 | .257 | .265 | .272 | .270 | 6 |
| 7 | .246 | .235 | .233 | .244 | .249 | .261 | .248 | .245 | .250 | .258 | .257 | .268 | .273 | .283 | .283 | .284 | .277 | .287 | .299 | .285 | .290 | .300 | .298 | 7 |
| 8 | .298 | .306 | .298 | .310 | .303 | .300 | .300 | .305 | .295 | .273 | .260 | .271 | .277 | .279 | .276 | .275 | .291 | .287 | .275 | .246 | .257 | .260 | .247 | 8 |
| 9 | .235 | .232 | .240 | .228 | .242 | .266 | .258 | .242 | .243 | .272 | .269 | .292 | .313 | .302 | .314 | .297 | .291 | .316 | .274 | .289 | .276 | .262 | .268 | 9 |
| 10 | .269 | .261 | .279 | .283 | .290 | .314 | .313 | .304 | .293 | .292 | .266 | .282 | .278 | .308 | .323 | .331 | .333 | .332 | .326 | .346 | .317 | .315 | .304 | 10 |
| 11 | .280 | .278 | .276 | .270 | .275 | .270 | .280 | .286 | .271 | .274 | .269 | .283 | .276 | .284 | .276 | .258 | .261 | .262 | .270 | .267 | .257 | .259 | .263 | 11 |
| 12 | .257 | .254 | .251 | .251 | .263 | .273 | .278 | .280 | .275 | .293 | .279 | .284 | .276 | .283 | .273 | .277 | .285 | .278 | .263 | .257 | .258 | .251 | .255 | 12 |
| 13 | .253 | .256 | .245 | .239 | .246 | .245 | .259 | * | .293 | .297 | .286 | .294 | .272 | .278 | .281 | .289 | .278 | .271 | .271 | .274 | .281 | .283 | .282 | 13 |
| 14 | .289 | .297 | .296 | .317 | .313 | .312 | .312 | .323 | .311 | .322 | .302 | .309 | .304 | .304 | .311 | .339 | .320 | .304 | .312 | .295 | .314 | .312 | .321 | 14 |
| 15 | .331 | .347 | .343 | .359 | .367 | .383 | .384 | .408 | .426 | .419 | .411 | .450 | .428 | .452 | .441 | .459 | .425 | .439 | .429 | .403 | .408 | .400 | .384 | 15 |
| 16 | .366 | .372 | .348 | .342 | .350 | .363 | .368 | .351 | .372 | .398 | .402 | .391 | .390 | .384 | .392 | .384 | .391 | .381 | .364 | .354 | .347 | .360 | .354 | 16 |
| 17 | .331 | .328 | .329 | .310 | .327 | .315 | .293 | .287 | .287 | .328 | .309 | .327 | .338 | .303 | .368 | .382 | .369 | .339 | .348 | .361 | .304 | .330 | .318 | 17 |
| 18 | .299 | .304 | .302 | .291 | .309 | .308 | .305 | .300 | .336 | .335 | .278 | .286 | .325 | .321 | .329 | .334 | .352 | .337 | .357 | .332 | .329 | .366 | .348 | 18 |
| 19 | .371 | .370 | .360 | .368 | .370 | .380 | .366 | .381 | .384 | .387 | .369 | .378 | .378 | .382 | .372 | .360 | .330 | .336 | .309 | .268 | .254 | .285 | .277 | 19 |
| 20 | .276 | .262 | .261 | .262 | .275 | .284 | .287 | .302 | .272 | .330 | .329 | .309 | .309 | .285 | .224 | .279 | .362 | .352 | .362 | .361 | .332 | .332 | .344 | 20 |
| 21 | .351 | .350 | .365 | .359 | .360 | .367 | .372 | .358 | .356 | .370 | .393 | .405 | .369 | .369 | .381 | .402 | .399 | .402 | .406 | .398 | .390 | .376 | .379 | 21 |
| 22 | .375 | .325 | .300 | .305 | .311 | .328 | .333 | .351 | .337 | .351 | .337 | .344 | .337 | .337 | .339 | .339 | .330 | .330 | .331 | .335 | .340 | .341 | .339 | 22 |
| 23 | .342 | .340 | .350 | .340 | .337 | .341 | .343 | .343 | .353 | .352 | .366 | .356 | .366 | .353 | .356 | .366 | .361 | .371 | .368 | .380 | .373 | .380 | .388 | 23 |
| 24 | .346 | .352 | .325 | .315 | .284 | .268 | .262 | .257 | .263 | .252 | .263 | .259 | .272 | .266 | .265 | .267 | .260 | .265 | .243 | .251 | .263 | .266 | .272 | 24 |
| 25 | .281 | .285 | .293 | .298 | .297 | .323 | .300 | .318 | .321 | .336 | .340 | .365 | .344 | .383 | .396 | .391 | .386 | .386 | .382 | .381 | .384 | .387 | .390 | 25 |
| 26 | .389 | .334 | .315 | .304 | .320 | .316 | .330 | .294 | .284 | .276 | .280 | .277 | .273 | .296 | .273 | .272 | .254 | .260 | .259 | .248 | .252 | .252 | .247 | 26 |
| 27 | .266 | .260 | .242 | .216 | .246 | .268 | .275 | .265 | .253 | .280 | .285 | .257 | .245 | .247 | .261 | .254 | .264 | .245 | .257 | .265 | .260 | .259 | .247 | 27 |
| 28 | .250 | .251 | .256 | .236 | .246 | .249 | .248 | .256 | .257 | .262 | .275 | .282 | .282 | .277 | .286 | .281 | .270 | .297 | .279 | .268 | .256 | .260 | .256 | 28 |
| 29 | .251 | .261 | .262 | .270 | .300 | .318 | .324 | .311 | .300 | .307 | .304 | .318 | .312 | .317 | .329 | .320 | .328 | .317 | .328 | .340 | .347 | .349 | .346 | 29 |
| 30 | .357 | .355 | .368 | .370 | .374 | .385 | .394 | .400 | .373 | .387 | .341 | .365 | .371 | .367 | .359 | .365 | .365 | .357 | .349 | .353 | .348 | .345 | .353 | 30 |
| 31 | .342 | .344 | .310 | .325 | .348 | .337 | .331 | .339 | .338 | .343 | .333 | .325 | .326 | .354 | .355 | .342 | .326 | .334 | .334 | .327 | .333 | .339 | .350 | 31 |

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# ARMAGH OBSERVATORY LAT: 54° 21′ N. LONG: 6° 39′

## BAROMETER

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.122 | 30.102 | 30.087 | 30.061 | 30.060 | 30.059 | 30.037 | 30.020 | 30.009 | 29.981 | 29.954 | 29.918 | 29. |
| 2 | 29.665 | 29.671 | 29.666 | 29.679 | 29.691 | 29.706 | 29.721 | 29.734 | 29.741 | .744 | .749 | .748 | . |
| 3 | .685 | .667 | .649 | .650 | .649 | .656 | .656 | .666 | .669 | .658 | .669 | .660 | . |
| 4 | .809 | .827 | .827 | .843 | .863 | .880 | .897 | .908 | .921 | .917 | .928 | .927 | . |
| 5 | .985 | .974 | .968 | .970 | .970 | .981 | .985 | .990 | .986 | .985 | .987 | .985 | . |
| 6 | 29.981 | .977 | .972 | .977 | .975 | .974 | .978 | .981 | .977 | .969 | .968 | .954 | . |
| 7 | 30.002 | .993 | .988 | .987 | .989 | .996 | .997 | .993 | .989 | .975 | .971 | .958 | . |
| 8 | 29.901 | 29.891 | 29.887 | 29.881 | 29.884 | 29.892 | 29.903 | 29.920 | 29.933 | 29.935 | 29.950 | 29.958 | 29. |
| 9 | 30.138 | 30.142 | 30.151 | 30.159 | 30.164 | 30.173 | 30.187 | 30.194 | 30.197 | 30.195 | 30.194 | 30.185 | 30. |
| 10 | 30.112 | 30.093 | 30.074 | 30.049 | 30.036 | 30.017 | 30.005 | 29.999 | 29.981 | 29.970 | 29.951 | 29.932 | 29. |
| 11 | 29.920 | 29.907 | 29.899 | 29.885 | 29.881 | 29.875 | 29.873 | .871 | .869 | .864 | .865 | .862 | . |
| 12 | 29.862 | 29.860 | 29.857 | 29.849 | 29.853 | 29.869 | 29.888 | 29.901 | 29.923 | 29.945 | 29.957 | 29.960 | 29. |
| 13 | 30.043 | 30.043 | 30.043 | 30.046 | 30.045 | 30.047 | 30.059 | 30.060 | 30.061 | 30.057 | 30.061 | 30.060 | 30. |
| 14 | .042 | .042 | .040 | .034 | .040 | .044 | .044 | .037 | .037 | .026 | .026 | .040 | . |
| 15 | .036 | .031 | .033 | .032 | .040 | .046 | .049 | .056 | .058 | .058 | .078 | .065 | . |
| 16 | .065 | .058 | .054 | .056 | .058 | .061 | .065 | .064 | .068 | .070 | .067 | .054 | . |
| 17 | .085 | .088 | .095 | .096 | .104 | .113 | .118 | .122 | .121 | .120 | .112 | .115 | . |
| 18 | .136 | .140 | .138 | .138 | .146 | .150 | .147 | .147 | .146 | .146 | .146 | .137 | . |
| 19 | .089 | .084 | .067 | .067 | .066 | .068 | .069 | .057 | .067 | .068 | .054 | .048 | . |
| 20 | .077 | .071 | .080 | .087 | .098 | .105 | .113 | .119 | .127 | .138 | .146 | .146 | . |
| 21 | 30.130 | 30.126 | 30.106 | 30.094 | 30.086 | 30.092 | 30.078 | 30.075 | 30.073 | 30.060 | 30.049 | 30.032 | 30. |
| 22 | 29.681 | 29.656 | 29.639 | 29.617 | 29.602 | 29.591 | 29.581 | 29.565 | 29.562 | 29.573 | 29.588 | 29.602 | 29. |
| 23 | .659 | .632 | .611 | .589 | .564 | .542 | .524 | .497 | .470 | .453 | .440 | .437 | . |
| 24 | .299 | .278 | .271 | .270 | .309 | .340 | .370 | .420 | .442 | .474 | .497 | .518 | . |
| 25 | .643 | .651 | .651 | .645 | .645 | .663 | .667 | .678 | .682 | .679 | .694 | .692 | . |
| 26 | .457 | .451 | .436 | .433 | .436 | .481 | .502 | .521 | .526 | .532 | .549 | .553 | . |
| 27 | .629 | .612 | .615 | .611 | .613 | .618 | .617 | .622 | .630 | .619 | .628 | .623 | 29. |
| 28 | 29.826 | 29.838 | 29.847 | 29.856 | 29.870 | 29.893 | 29.911 | 29.937 | 29.948 | 29.964 | 29.976 | 29.980 | 30. |
| 29 | 30.188 | 30.189 | 30.200 | 30.202 | 30.212 | 30.220 | 30.229 | 30.236 | 30.237 | 30.230 | 30.229 | 30.216 | 30. |
| 30 | 30.043 | 30.021 | 29.996 | 29.966 | 29.938 | 29.927 | 29.923 | 29.907 | 29.882 | 29.853 | 29.838 | 29.821 | 29. |
| 31 | 29.796 | 29.788 | 29.785 | 29.780 | 29.785 | 29.787 | 29.797 | 29.800 | 29.801 | 29.803 | * | †29.807 | * |

## DRY BULB THERMOMETER — 4 FEET ABOVE GROUND

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 43.2 | 42.5 | 42.9 | 42.5 | 43.2 | 44.0 | 46.0 | 49.3 | 52.1 | 54.8 | 55.3 | 57.4 | 58.8 | 57.8 | 59.6 | 58.2 | 57.3 | 56.9 | 54.9 | 52.9 | 51.8 | 50.9 | 50.2 | 49.8 | |
| 2 | 49.9 | 47.7 | 46.1 | 45.7 | 44.6 | 44.8 | 45.7 | 46.2 | 48.4 | 49.5 | 51.8 | 52.1 | 54.5 | 51.8 | 51.9 | 53.4 | 52.5 | 50.4 | 49.1 | 46.1 | 43.4 | 42.1 | 39.8 | 39.0 | |
| 3 | 39.5 | 39.8 | 40.0 | 39.4 | 38.8 | 40.1 | 43.5 | 45.3 | 46.8 | 49.3 | 50.0 | 51.7 | 51.7 | 50.8 | 50.6 | 50.8 | 50.1 | 47.9 | 43.5 | 42.8 | 43.9 | 44.8 | 44.8 | 44.8 | |
| 4 | 44.4 | 43.7 | 42.8 | 41.8 | 40.8 | 41.0 | 44.7 | 47.2 | 48.8 | 50.8 | 51.7 | 52.8 | 53.6 | 53.8 | 53.7 | 53.7 | 54.0 | 52.7 | 50.4 | 46.7 | 43.6 | 41.8 | 40.5 | 39.6 | |
| 5 | 38.8 | 37.4 | 36.9 | 35.9 | 35.8 | 37.7 | 40.6 | 43.7 | 48.3 | 50.7 | 50.5 | 51.4 | 51.3 | 53.4 | 52.8 | 52.7 | 52.8 | 53.7 | 52.4 | 50.7 | 48.3 | 47.0 | 46.5 | 45.8 | |
| 6 | 45.8 | 45.5 | 45.0 | 44.1 | 42.0 | 40.9 | 43.7 | 46.7 | 48.8 | 50.2 | 51.8 | 52.6 | 52.3 | 51.6 | 52.0 | 52.2 | 52.6 | 50.0 | 48.8 | 45.9 | 43.9 | 42.5 | 40.4 | 39.8 | |
| 7 | 39.8 | 38.1 | 37.2 | 37.2 | 36.7 | 37.3 | 41.3 | 44.2 | 47.0 | 49.8 | 50.0 | 50.3 | 52.3 | 52.5 | 52.1 | 52.2 | 51.3 | 49.5 | 48.1 | 45.5 | 42.8 | 40.3 | 38.7 | 37.8 | |
| 8 | 37.2 | 36.1 | 35.5 | 34.9 | 34.6 | 36.5 | 38.7 | 42.9 | 47.1 | 50.1 | 50.8 | 51.6 | 54.8 | 55.7 | 54.6 | 54.2 | 53.1 | 52.7 | 51.8 | 49.2 | 46.0 | 43.3 | 42.1 | 40.8 | |
| 9 | 40.6 | 39.9 | 38.8 | 38.0 | 37.1 | 37.6 | 39.7 | 44.7 | 48.1 | 51.7 | 53.3 | 55.4 | 56.8 | 57.7 | 57.8 | 57.7 | 58.3 | 55.8 | 53.3 | 50.7 | 47.7 | 45.8 | 45.3 | 44.3 | |
| 10 | 45.0 | 44.8 | 45.0 | 45.9 | 46.6 | 46.8 | 47.5 | 48.9 | 49.1 | 49.8 | 52.8 | 54.6 | 54.8 | 52.9 | 53.7 | 54.7 | 53.5 | 53.3 | 52.5 | 51.0 | 49.9 | 49.1 | 48.8 | 48.4 | |
| 11 | 47.2 | 46.8 | 46.6 | 45.8 | 44.8 | 44.7 | 43.2 | 42.7 | 43.3 | 42.8 | 43.8 | 46.2 | 49.2 | 51.0 | 52.4 | 52.6 | 51.9 | 51.0 | 49.8 | 48.3 | 47.0 | 46.1 | 44.9 | 45.0 | |
| 12 | 45.0 | 45.0 | 44.5 | 44.7 | 45.1 | 45.9 | 45.9 | 46.9 | 46.8 | 48.0 | 50.9 | 50.5 | 50.3 | 52.0 | 52.8 | 53.2 | 52.5 | 51.9 | 51.5 | 49.8 | 47.7 | 45.9 | 44.9 | 45.0 | |
| 13 | 44.9 | 42.4 | 40.4 | 39.1 | 40.0 | 40.8 | 45.0 | 45.9 | 47.6 | 47.9 | 49.0 | 52.4 | 51.5 | 52.9 | 53.4 | 53.2 | 53.3 | 53.0 | 51.7 | 50.2 | 48.4 | 47.5 | 45.0 | 43.4 | |
| 14 | 43.0 | 43.0 | 41.4 | 41.0 | 40.0 | 42.8 | 44.5 | 47.0 | 49.9 | 52.6 | 54.0 | 54.5 | 55.2 | 56.0 | 56.3 | 56.8 | 56.0 | 56.0 | 55.4 | 53.6 | 51.0 | 48.4 | 48.9 | 46.9 | |
| 15 | 47.2 | 47.8 | 46.9 | 46.7 | 45.9 | 46.4 | 49.4 | 50.2 | 51.9 | 53.8 | 54.0 | 55.1 | 56.4 | 56.9 | 56.9 | 56.7 | 55.2 | 55.0 | 53.9 | 51.9 | 49.5 | 48.1 | 46.9 | 46.0 | |
| 16 | 47.1 | 46.0 | 46.0 | 46.0 | 45.4 | 45.9 | 46.7 | 47.1 | 47.9 | 48.6 | 51.3 | 54.5 | 56.1 | 57.0 | 57.0 | 57.4 | 57.0 | 56.0 | 55.5 | 53.4 | 50.9 | 48.8 | 46.6 | 44.6 | |
| 17 | 43.7 | 42.3 | 42.0 | 40.9 | 41.0 | 43.0 | 46.7 | 49.0 | 52.5 | 55.9 | 57.7 | 58.9 | 60.5 | 60.9 | 60.7 | 60.7 | 61.8 | 61.5 | 58.6 | 56.7 | 54.3 | 52.5 | 51.9 | 50.6 | |
| 18 | 48.3 | 47.9 | 46.9 | 46.8 | 47.0 | 48.9 | 51.9 | 54.7 | 56.8 | 60.0 | 62.8 | 64.4 | 65.8 | 66.8 | 68.2 | 66.9 | 64.6 | 62.8 | 61.3 | 58.6 | 56.7 | 55.8 | 54.7 | 53.7 | |
| 19 | 53.5 | 53.6 | 53.2 | 52.6 | 52.5 | 52.7 | 53.9 | 56.1 | 58.7 | 57.8 | 59.0 | 61.2 | 62.7 | 66.3 | 67.2 | 66.8 | 66.9 | 64.0 | 63.6 | 61.4 | 57.7 | 54.9 | 52.5 | 50.7 | |
| 20 | 48.4 | 47.8 | 46.3 | 45.3 | 48.1 | 50.3 | 51.8 | 52.6 | 53.8 | 54.2 | 57.8 | 60.1 | 62.4 | 64.7 | 67.0 | 67.5 | 66.7 | 63.9 | 61.1 | 57.9 | 56.4 | 52.2 | 50.6 | 49.8 | |
| 21 | 48.7 | 47.9 | 47.8 | 47.7 | 48.8 | 50.7 | 51.6 | 52.7 | 53.3 | 53.8 | 53.9 | 56.2 | 55.1 | 54.9 | 54.0 | 54.0 | 54.6 | 54.8 | 55.4 | 55.0 | 53.2 | 52.5 | 52.1 | 52.1 | |
| 22 | 52.2 | 52.3 | 50.4 | 49.5 | 49.2 | 49.8 | 51.5 | 53.0 | 53.8 | 53.8 | 55.8 | 54.8 | 53.7 | 56.7 | 55.9 | 55.9 | 56.6 | 54.9 | 54.3 | 53.2 | 51.8 | 49.9 | 49.1 | 49.0 | |
| 23 | 48.7 | 49.7 | 49.8 | 49.9 | 49.9 | 50.1 | 50.7 | 51.5 | 52.6 | 52.7 | 51.5 | 51.8 | 53.3 | 53.7 | 53.8 | 53.5 | 53.7 | 54.1 | 53.2 | 51.9 | 51.1 | 50.7 | 50.2 | 50.5 | |
| 24 | 50.0 | 49.8 | 49.8 | 49.7 | 47.9 | 46.8 | 47.9 | 47.3 | 49.8 | 53.7 | 53.8 | 53.3 | 54.0 | 54.1 | 52.7 | 52.8 | 54.2 | 51.0 | 50.4 | 48.8 | 47.8 | 47.0 | 45.7 | 44.5 | |
| 25 | 44.7 | 44.2 | 44.0 | 44.5 | 44.8 | 45.7 | 46.9 | 49.8 | 50.5 | 51.6 | 54.3 | 54.7 | 53.2 | 55.8 | 57.3 | 57.5 | 58.5 | 57.0 | 56.2 | 52.4 | 52.7 | 53.6 | 53.6 | 53.5 | |
| 26 | 53.7 | 53.9 | 53.8 | 53.6 | 52.9 | 50.0 | 48.8 | 49.0 | 49.8 | 52.8 | 54.1 | 54.2 | 57.8 | 59.6 | 59.4 | 58.1 | 57.8 | 56.5 | 55.1 | 52.9 | 51.8 | 50.5 | 49.8 | 48.8 | |
| 27 | 48.0 | 47.1 | 46.9 | 46.3 | 46.0 | 46.8 | 48.7 | 50.2 | 52.5 | 54.0 | 56.6 | 57.2 | 50.3 | 55.0 | 53.8 | 54.8 | 53.2 | 52.2 | 50.3 | 49.3 | 47.7 | 47.3 | 45.7 | 45.2 | |
| 28 | 44.0 | 44.5 | 43.8 | 43.7 | 42.8 | 43.5 | 45.6 | 47.3 | 48.9 | 47.2 | 52.2 | 52.2 | 50.6 | 50.0 | 53.1 | 53.8 | 52.6 | 48.1 | 47.1 | 46.2 | 45.0 | 44.4 | 44.4 | 43.8 | |
| 29 | 43.2 | 41.9 | 41.0 | 40.8 | 40.8 | 42.2 | 45.7 | 48.7 | 51.3 | 53.8 | 55.8 | 57.2 | 57.1 | 58.5 | 59.7 | 58.9 | 57.9 | 57.3 | 55.5 | 53.8 | 52.7 | 52.8 | 52.1 | 51.1 | |
| 30 | 50.2 | 49.3 | 49.6 | 49.5 | 49.0 | 48.8 | 49.0 | 49.0 | 49.0 | 49.6 | 51.5 | 53.2 | 53.4 | 54.0 | 54.2 | 53.8 | 56.2 | 55.7 | 54.8 | 53.7 | 52.0 | 51.7 | 51.7 | 50.8 | |
| 31 | 50.2 | 49.8 | 49.0 | 49.1 | 49.2 | 49.8 | 51.3 | 52.8 | 52.8 | 54.8 | ‡53.9 | ‡55.8 | ‡57.7 | ‡53.9 | ‡55.6 | ‡54.8 | ‡56.1 | ‡54.1 | 53.8 | 52.7 | 51.7 | 51.0 | 49.2 | 48.2 | |

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate

# HOURLY VALUES MAY 1880.

## CISTERN 207 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 57 | 29·832 | 29·798 | 29·770 | 29·749 | 29·730 | 29·719 | 29·713 | 29·698 | 29·685 | 29·669 | 29·897 | 1 |
| 41 | ·739 | ·735 | ·738 | ·738 | ·749 | ·754 | ·754 | ·743 | ·722 | ·707 | 29·724 | 2 |
| 57 | ·659 | ·658 | ·677 | ·691 | ·710 | ·731 | ·750 | ·767 | ·785 | ·799 | 29·687 | 3 |
| 20 | ·926 | ·921 | ·926 | ·930 | ·943 | ·961 | ·968 | ·979 | ·980 | ·986 | 29·913 | 4 |
| 69 | ·968 | ·965 | ·958 | ·955 | ·959 | ·966 | ·977 | ·985 | 29·988 | 29·982 | 29·976 | 5 |
| 58 | ·958 | ·955 | ·958 | ·962 | ·968 | ·979 | ·988 | ·991 | 30·005 | 30·003 | 29·974 | 6 |
| 38 | ·931 | 917 | ·910 | 29·900 | 29·901 | 29·903 | 29·916 | 29·914 | 29·914 | 29·905 | 29·951 | 7 |
| 71 | 29·976 | 29·977 | 29·992 | 30·007 | 30·030 | 30·053 | 30·079 | 30·092 | 30·111 | 30·126 | 29·971 | 8 |
| 64 | 30·153 | 30·141 | 30·131 | 30·135 | 30·141 | 30·144 | 30·149 | 30·144 | 30·147 | 30·131 | 30·160 | 9 |
| 26 | 29·912 | 29·902 | 29·903 | 29·896 | 29·900 | 29·905 | 29·916 | 29·918 | 29·927 | 29·925 | 29·966 | 10 |
| 32 | ·825 | ·825 | ·822 | ·824 | ·835 | 29·849 | 29·868 | 29·866 | 29·867 | 29·859 | 29·862 | 11 |
| 73 | 29·968 | 29·979 | 29·975 | 29·983 | 29·989 | 30·006 | 30·025 | 30·030 | 30·039 | 30·045 | 29·946 | 12 |
| 44 | 30·033 | 30·018 | 30·010 | 30·010 | 30·016 | ·028 | ·045 | ·043 | ·038 | ·040 | 30·042 | 13 |
| 23 | ·002 | 29·990 | 29·982 | 29·985 | 29·992 | ·000 | ·019 | ·021 | ·034 | ·032 | 30·023 | 14 |
| 47 | ·042 | 30·030 | 30·030 | 30·031 | 30·034 | ·036 | ·053 | ·058 | ·062 | ·068 | 30·047 | 15 |
| 38 | ·032 | ·028 | ·030 | ·023 | ·035 | ·046 | ·064 | ·068 | ·076 | ·077 | 30·054 | 16 |
| 12 | ·103 | ·103 | ·093 | ·088 | ·102 | ·114 | ·132 | ·132 | ·123 | ·127 | 30·110 | 17 |
| 98 | ·080 | ·068 | ·075 | ·071 | ·086 | ·102 | ·125 | ·119 | ·116 | ·108 | 30·120 | 18 |
| 27 | ·034 | ·021 | ·024 | ·026 | ·032 | ·053 | ·061 | ·064 | ·066 | ·074 | 30·055 | 19 |
| 38 | 30·130 | 30·108 | 30·117 | 30·120 | 30·136 | 30·137 | 30·142 | 30·149 | 30·150 | 30·140 | 30·122 | 20 |
| 07 | 29·991 | 29·969 | 29·927 | 29·899 | 29·862 | 29·827 | 29·809 | 29·777 | 29·746 | 29·715 | 29·981 | 21 |
| 28 | ·638 | ·646 | ·662 | ·673 | ·679 | ·692 | ·693 | ·691 | ·693 | ·689 | 29·636 | 22 |
| 07 | ·399 | ·394 | ·389 | ·381 | ·371 | ·374 | ·357 | ·344 | ·328 | ·316 | 29·454 | 23 |
| 46 | ·555 | ·570 | ·570 | ·584 | ·601 | ·611 | ·625 | ·633 | ·638 | ·639 | 29·483 | 24 |
| 67 | ·651 | ·635 | ·611 | ·591 | ·579 | ·567 | ·541 | ·522 | ·490 | ·472 | 29·625 | 25 |
| 67 | ·571 | ·574 | ·572 | ·578 | ·588 | ·620 | ·628 | ·633 | ·634 | ·635 | 29·543 | 26 |
| 53 | 29·674 | 29·683 | 29·688 | 29·711 | 29·732 | 29·741 | 29·767 | 29·785 | 29·796 | 29·824 | 29·672 | 27 |
| 25 | 30·037 | 30·045 | 30·063 | 30·082 | 30·098 | 30·113 | 30·137 | 30·152 | 30·167 | 30·177 | 29·998 | 28 |
| 85 | 30·169 | 30·149 | 30·129 | 30·113 | 30·102 | 30·086 | 30·083 | 30·075 | 30·074 | 30·058 | 30·167 | 29 |
| 01 | 29·788 | 29·785 | 29·769 | 29·772 | 29·775 | 29·781 | 29·796 | 29·793 | 29·797 | 29·791 | 29·857 | 30 |
| 27 | * | ‡29·852 | * | ‡29·893 | ‡29·908 | ‡29·933 | ‡29·973 | ‡29·996 | ‡30·011 | ‡30·032 | 29·854 | 31 |

# WET BULB THERMOMETER 4 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41.2 | 41.4 | 41.1 | 41.9 | 42.4 | 43.9 | 46.0 | 47.4 | 49.0 | 49.8 | 51.1 | 52.0 | 51.4 | 52.3 | 51.5 | 51.1 | 51.2 | 51.0 | 50.0 | 48.6 | 47.9 | 47.5 | 47.3 | 47.5 | 1 |
| 46.8 | 44.9 | 44.8 | 43.4 | 44.2 | 44.8 | 44.8 | 45.8 | 45.8 | 46.7 | 46.3 | 48.0 | 46.3 | 46.6 | 47.1 | 46.6 | 45.1 | 44.7 | 42.8 | 41.5 | 40.2 | 38.0 | 37.6 | 44.6 | 2 |
| 38.6 | 38.8 | 38.1 | 37.8 | 38.9 | 40.8 | 41.7 | 42.8 | 43.0 | 44.8 | 46.6 | 44.7 | 44.7 | 44.7 | 44.3 | 44.5 | 43.0 | 41.9 | 41.6 | 42.6 | 42.8 | 43.5 | 42.8 | 42.1 | 3 |
| 42.1 | 41.6 | 40.7 | 39.8 | 39.8 | 42.8 | 44.1 | 44.8 | 45.8 | 46.5 | 47.3 | 47.7 | 47.1 | 46.7 | 47.1 | 47.8 | 47.7 | 46.0 | 43.1 | 41.7 | 40.5 | 39.7 | 38.8 | 43.8 | 4 |
| 36.8 | 36.0 | 35.0 | 35.0 | 36.1 | 39.1 | 41.7 | 43.9 | 45.7 | 46.8 | 47.2 | 47.8 | 49.7 | 49.8 | 49.8 | 50.4 | 51.0 | 49.7 | 48.7 | 46.8 | 45.8 | 44.8 | 44.3 | 44.1 | 5 |
| 43.8 | 42.6 | 41.1 | 39.8 | 39.7 | 41.1 | 42.7 | 43.7 | 45.1 | 46.6 | 46.5 | 46.2 | 48.6 | 46.1 | 45.8 | 45.8 | 44.0 | 42.8 | 40.9 | 39.6 | 38.7 | 38.0 | 37.8 | 42.8 | 6 |
| 36.4 | 35.8 | 35.4 | 35.2 | 35.7 | 38.5 | 40.4 | 41.9 | 43.8 | 43.2 | 43.7 | 45.2 | 45.7 | 45.0 | 48.7 | 44.9 | 43.3 | 42.8 | 41.3 | 39.6 | 37.8 | 36.8 | 36.1 | 40.5 | 7 |
| 34.9 | 34.4 | 33.8 | 33.2 | 34.1 | 36.5 | 39.8 | 42.8 | 44.9 | 45.3 | 45.8 | 46.8 | 46.9 | 46.4 | 47.6 | 46.8 | 46.9 | 46.0 | 44.0 | 42.3 | 41.3 | 40.8 | 40.0 | 41.5 | 8 |
| 38.8 | 37.8 | 37.3 | 36.1 | 36.8 | 38.7 | 42.4 | 45.5 | 47.8 | 48.8 | 49.8 | 49.7 | 49.2 | 49.6 | 49.3 | 50.4 | 49.2 | 48.3 | 46.7 | 45.2 | 43.9 | 42.8 | 41.7 | 44.4 | 9 |
| 42.8 | 42.9 | 44.6 | 45.1 | 45.7 | 46.3 | 46.8 | 47.0 | 48.3 | 49.7 | 49.8 | 49.2 | 48.0 | 48.0 | 48.6 | 47.8 | 48.3 | 47.8 | 47.6 | 46.8 | 46.6 | 46.1 | 46.0 | 46.8 | 10 |
| 44.8 | 44.7 | 43.8 | 42.8 | 42.0 | 41.7 | 40.9 | 40.8 | 41.1 | 41.7 | 44.3 | 45.7 | 46.0 | 45.9 | 46.1 | 46.9 | 44.7 | 43.7 | 43.9 | 42.9 | 42.6 | 42.1 | 42.8 | 43.5 | 11 |
| 43.0 | 43.1 | 43.1 | 43.9 | 43.9 | 43.7 | 44.2 | 43.9 | 44.5 | 45.8 | 45.3 | 45.0 | 46.1 | 46.2 | 46.4 | 46.1 | 45.5 | 45.9 | 44.5 | 43.3 | 42.2 | 41.9 | 42.2 | 44.3 | 12 |
| 40.5 | 39.0 | 37.8 | 38.8 | 39.5 | 43.0 | 43.2 | 44.0 | 43.3 | 44.1 | 44.8 | 45.7 | 46.9 | 46.8 | 46.9 | 46.2 | 46.2 | 45.9 | 45.5 | 44.6 | 43.9 | 42.6 | 42.0 | 43.5 | 13 |
| 42.0 | 40.5 | 40.1 | 39.4 | 41.9 | 43.0 | 44.2 | 46.0 | 47.8 | 48.1 | 48.1 | 48.2 | 49.0 | 49.7 | 50.0 | 49.0 | 49.1 | 49.0 | 49.0 | 48.0 | 46.5 | 46.9 | 45.3 | 45.9 | 14 |
| 45.9 | 45.1 | 45.0 | 44.2 | 44.5 | 46.9 | 46.9 | 48.6 | 49.5 | 50.1 | 50.3 | 51.0 | 51.4 | 51.0 | 51.3 | 50.4 | 49.9 | 49.0 | 48.0 | 46.8 | 45.9 | 44.9 | 44.3 | 47.8 | 15 |
| 43.9 | 43.9 | 44.0 | 43.9 | 43.9 | 44.2 | 44.0 | 45.0 | 45.6 | 47.2 | 49.3 | 50.5 | 50.6 | 50.9 | 50.5 | 50.2 | 49.2 | 49.5 | 49.0 | 47.4 | 46.5 | 45.0 | 43.3 | 46.8 | 16 |
| 41.4 | 41.0 | 40.0 | 40.1 | 42.2 | 44.9 | 46.3 | 48.0 | 48.8 | 50.0 | 50.8 | 52.6 | 53.0 | 52.8 | 53.3 | 53.5 | 53.4 | 51.8 | 50.3 | 48.8 | 47.9 | 47.8 | 47.2 | 47.9 | 17 |
| 45.8 | 44.9 | 44.7 | 44.9 | 45.8 | 48.2 | 50.4 | 50.6 | 52.3 | 54.0 | 55.0 | 55.9 | 56.7 | 57.0 | 56.6 | 56.2 | 54.8 | 53.9 | 52.0 | 51.1 | 51.0 | 50.7 | 49.9 | 51.2 | 18 |
| 49.8 | 49.5 | 49.7 | 49.6 | 60.0 | 51.4 | 53.1 | 53.8 | 53.8 | 55.2 | 56.4 | 57.7 | 59.8 | 59.9 | 60.0 | 58.7 | 55.8 | 56.6 | 56.7 | 50.9 | 48.8 | 47.1 | 46.6 | 53.3 | 19 |
| 45.7 | 44.7 | 44.0 | 46.7 | 48.7 | 49.8 | 50.8 | 51.7 | 52.0 | 53.9 | 55.7 | 56.7 | 58.2 | 59.7 | 59.0 | 58.9 | 54.8 | 52.4 | 50.6 | 48.5 | 47.9 | 47.9 | 47.4 | 51.3 | 20 |
| 46.3 | 46.2 | 45.8 | 46.9 | 48.4 | 49.6 | 50.5 | 51.0 | 51.5 | 51.8 | 52.8 | 52.8 | 52.8 | 53.0 | 53.4 | 53.4 | 53.7 | 53.4 | 52.0 | 49.2 | 48.8 | 49.7 | 49.8 | 50.4 | 21 |
| 50.1 | 47.7 | 47.4 | 47.5 | 48.1 | 48.8 | 50.2 | 50.6 | 50.8 | 51.0 | 49.8 | 49.7 | 50.7 | 50.4 | 50.7 | 50.0 | 49.8 | 49.8 | 48.8 | 48.9 | 47.3 | 47.0 | 46.8 | 49.3 | 22 |
| 47.7 | 47.8 | 47.8 | 48.2 | 48.6 | 49.2 | 50.4 | 51.0 | 51.8 | 50.7 | 50.8 | 52.2 | 52.5 | 52.2 | 51.8 | 52.0 | 52.0 | 51.6 | 50.8 | 50.5 | 49.8 | 49.8 | 49.8 | 50.3 | 23 |
| 49.7 | 49.2 | 49.0 | 46.6 | 44.8 | 45.1 | 43.8 | 45.5 | 46.3 | 46.3 | 46.7 | 46.1 | 47.2 | 49.1 | 46.8 | 46.8 | 44.8 | 45.0 | 44.1 | 43.8 | 43.4 | 42.7 | 41.9 | 46.0 | 24 |
| 41.9 | 41.8 | 42.2 | 42.7 | 43.4 | 44.8 | 46.3 | 46.8 | 47.5 | 49.0 | 49.7 | 50.8 | 50.9 | 50.6 | 50.0 | 51.2 | 50.9 | 51.2 | 50.7 | 50.8 | 51.4 | 51.2 | 51.2 | 47.9 | 25 |
| 51.3 | 51.4 | 51.0 | 51.2 | 48.9 | 47.9 | 47.9 | 47.9 | 48.9 | 48.8 | 47.8 | 50.7 | 51.0 | 49.8 | 49.3 | 48.6 | 52.8 | 51.8 | 50.4 | 48.9 | 47.7 | 46.6 | 46.0 | 49.5 | 26 |
| 44.4 | 44.3 | 43.9 | 43.8 | 44.7 | 45.8 | 46.8 | 47.8 | 47.8 | 48.9 | 49.4 | 48.3 | 49.8 | 48.7 | 47.3 | 48.9 | 47.7 | 45.5 | 44.9 | 43.9 | 43.8 | 43.0 | 42.9 | 46.1 | 27 |
| 43.0 | 42.6 | 41.5 | 41.3 | 41.7 | 42.8 | 43.8 | 44.2 | 44.0 | 46.7 | 47.8 | 46.7 | 47.0 | 47.7 | 47.7 | 46.5 | 45.7 | 45.4 | 43.8 | 43.3 | 42.5 | 42.4 | 41.9 | 44.3 | 28 |
| 40.7 | 40.0 | 39.8 | 39.8 | 40.8 | 43.8 | 46.0 | 47.1 | 48.0 | 49.8 | 49.6 | 48.9 | 49.8 | 50.8 | 50.1 | 49.7 | 50.2 | 50.2 | 48.9 | 48.8 | 48.9 | 47.9 | 47.3 | 46.6 | 29 |
| 46.6 | 46.7 | 46.9 | 47.4 | 47.5 | 47.8 | 47.8 | 47.9 | 48.1 | 49.7 | 50.6 | 51.0 | 51.6 | 51.7 | 52.4 | 53.7 | 53.0 | 51.7 | 50.8 | 50.7 | 50.1 | 50.2 | 49.2 | 49.6 | 30 |
| 48.4 | 47.9 | 48.0 | 48.7 | 49.2 | 50.0 | 50.2 | 50.0 | 51.7 | * | ‡51.4 | * | ‡51.7 | * | ‡52.3 | ‡52.1 | ‡50.7 | 50.3 | 49.8 | 48.8 | 48.7 | 47.3 | 46.8 | 50.0 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

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# ARMAGH OBSERVATORY LAT: 54° 21′ N. LONG: 6° 39′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19 | 3 | 19 | 3 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4 | 19 | 4.5 | 19 | 3 | 19 | 4 | 21 | 5.5 | 20 | 8.5 | 20 | 11 | 18 |
| 2 | 25 | 6.5 | 27 | 4.5 | 29 | 5.5 | 29 | 4 | 31 | 4 | 32 | 3 | 32 | 3 | 31 | 4.5 | 31 | 8.5 | 32 | 7.5 | 32 | 9.5 | 32 | 8.5 | 32 |
| 3 | 27 | 3 | 27 | 3 | 27 | 2 | 27 | 2 | 27 | 2 | 27 | 2 | 32 | 7.5 | 32 | 10.5 | 1 | 10.5 | 1 | 12 | 2 | 12 | 1 | 12 | 1 |
| 4 | 2 | 9.5 | 3 | 9.5 | 3 | 9.5 | 3 | 7.5 | 3 | 5.5 | 3 | 6.5 | 3 | 11 | 3 | 11 | 4 | 12 | 4 | 14 | 3 | 14 | 3 | 10.5 | 3 |
| 5 | 3 | 3 | 3 | 3 | 1 | 3 | 1 | 3 | 1 | 2 | 1 | 4 | 28 | 3 | 28 | 3 | 31 | 4.5 | 31 | 5.5 | 1 | 6.5 | 30 | 5.5 | 31 |
| 6 | 32 | 5.5 | 32 | 4.5 | 1 | 5.5 | 1 | 5.5 | 1 | 3 | 1 | 2 | 1 | 4 | 1 | 6.5 | 32 | 7.5 | 32 | 8.5 | 32 | 9.5 | 32 | 10.5 | 32 |
| 7 | 31 | 4 | 31 | 4 | 31 | 2 | 31 | 3 | 31 | 2 | 28 | 3 | 28 | 4 | 1 | 5.5 | 1 | 7.5 | 2 | 6.5 | 29 | 6.5 | 30 | 6.5 | 32 |
| 8 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 4 | 5 | 6.5 | 6 | 6.5 | 5 | 6.5 | 3 | 5.5 | 7 |
| 9 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 1.5 | 2 | 1.5 | 2 | 3 | 3 | 4 | 3 | 3 | 1 | 4 | 32 | 4.5 | 1 | 5.5 | 2 |
| 10 | 2 | 2 | 2 | 3 | 31 | 3 | 25 | 4 | 26 | 3 | 26 | 4 | 27 | 4 | 31 | 5.5 | 31 | 4.5 | 1 | 4.5 | 3 | 11 | 4 | 12 | 3 |
| 11 | 2 | 4.5 | 3 | 4.5 | 3 | 6.5 | 4 | 8.5 | 4 | 11 | 4 | 10.5 | 4 | 11 | 5 | 13 | 6 | 15 | 5 | 15 | 5 | 16 | 6 | 13 | 5 |
| 12 | 5 | 10.5 | 5 | 10.5 | 6 | 10.5 | 6 | 10.5 | 6 | 8.5 | 7 | 12 | 8 | 14 | 9 | 18 | 9 | 16 | 10 | 16 | 9 | 22 | 9 | 15 | 9 |
| 13 | 8 | 7.5 | 6 | 5.5 | 6 | 4 | 6 | 4 | 6 | 4.5 | 5 | 7.5 | 5 | 9.5 | 5 | 10.5 | 6 | 12 | 7 | 8.5 | 6 | 13 | 6 | 10.5 | 7 |
| 14 | 6 | 6.5 | 6 | 5.5 | 6 | 4 | 6 | 4.5 | 6 | 5.5 | 6 | 7.5 | 6 | 10.5 | 6 | 12 | 6 | 12 | 6 | 12 | 6 | 15 | 6 | 12 | 7 |
| 15 | 5 | 7.5 | 5 | 10.5 | 5 | 8.5 | 4 | 12 | 4 | 9.5 | 5 | 9.5 | 5 | 10.5 | 6 | 9.5 | 7 | 9.5 | 6 | 11 | 5 | 13 | 6 | 11 | 6 |
| 16 | 6 | 10.5 | 6 | 10.5 | 6 | 10.5 | 5 | 8.5 | 4 | 7.5 | 5 | 9.5 | 6 | 8.5 | 6 | 10.5 | 8 | 9.5 | 7 | 7.5 | 6 | 9.5 | 6 | 10.5 | 6 |
| 17 | 6 | 4 | 6 | 4 | 6 | 4 | 6 | 4 | 6 | 3 | 6 | 3 | 6 | 4 | 6 | 5.5 | 7 | 5.5 | 9 | 6.5 | 10 | 7.5 | 10 | 6.5 | 11 |
| 18 | 19 | 4 | 19 | 3 | 19 | 3 | 19 | 4 | 19 | 4.5 | 18 | 5.5 | 17 | 6.5 | 18 | 7.5 | 21 | 8.5 | 20 | 8.5 | 22 | 6.5 | 27 | 5.5 | 27 |
| 19 | 6 | 4 | 6 | 3 | 17 | 5.5 | 23 | 5.5 | 21 | 4.5 | 21 | 5.5 | 21 | 6.5 | 21 | 5.5 | 22 | 5.5 | 25 | 5.5 | 26 | 7.5 | 26 | 6.5 | 27 |
| 20 | 25 | 5.5 | 24 | 4 | 24 | 4 | 24 | 3 | 26 | 3 | 27 | 5.5 | 28 | 6.5 | 30 | 5.5 | 28 | 4.5 | 28 | 4.5 | 25 | 6.5 | 27 | 5.5 | 27 |
| 21 | 23 | 4.5 | 23 | 4.0 | 24 | 4.5 | 23 | 4.5 | 21 | 6.5 | 21 | 5.5 | 22 | 5.5 | 23 | 7.5 | 24 | 5.6 | 22 | 6.5 | 22 | 6.5 | 25 | 6.5 | 24 |
| 22 | 21 | 12 | 25 | 12 | 23 | 11 | 22 | 12 | 23 | 8.5 | 23 | 9.5 | 28 | 11 | 24 | 11 | 25 | 11 | 27 | 10.5 | 28 | 13 | 28 | 11 | 28 |
| 23 | 19 | 8.5 | 20 | 10.5 | 20 | 11 | 20 | 12 | 20 | 12 | 20 | 13 | 20 | 12 | 20 | 15 | 20 | 16 | 20 | 15 | 24 | 12 | 21 | 14 | 21 |
| 24 | 21 | 12 | 21 | 9.5 | 20 | 15 | 20 | 15 | 23 | 14 | 22 | 15 | 22 | 15 | 24 | 16 | 23 | 15 | 24 | 15 | 24 | 18 | 23 | 15 | 22 |
| 25 | 20 | 8.5 | 19 | 6.5 | 18 | 7.5 | 18 | 9.5 | 19 | 10.5 | 19 | 7.5 | 18 | 11 | 18 | 14 | 20 | 14 | 21 | 13 | 20 | 15 | 20 | 9.5 | 25 |
| 26 | 17 | 22 | 17 | 20 | 17 | 20 | 17 | 21 | 18 | 17 | 23 | 10.5 | 20 | 9.5 | 19 | 13 | 20 | 13 | 20 | 15 | 21 | 18 | 20 | 12 | 20 |
| 27 | 21 | 4.5 | 21 | 4 | 21 | 3 | 20 | 4 | 20 | 4 | 20 | 4.5 | 20 | 4 | 20 | 5.5 | 23 | 4.5 | 23 | 4.5 | 22 | 4.5 | 22 | 6.5 | 25 |
| 28 | 20 | 8.5 | 22 | 7.5 | 21 | 7.5 | 23 | 8.5 | 22 | 7.5 | 21 | 7.5 | 24 | 6.5 | 24 | 8.5 | 23 | 10.5 | 27 | 7.5 | 27 | 14 | 26 | 10.5 | 24 |
| 29 | 22 | 7.5 | 21 | 7.5 | 21 | 7.5 | 19 | 6.5 | 20 | 4.5 | 19 | 6.5 | 20 | 7.5 | 21 | 6.5 | 21 | 5.5 | 20 | 8.5 | 20 | 8.5 | 19 | 8.5 | 19 |
| 30 | 17 | 12 | 17 | 12 | 17 | 15 | 17 | 14 | 17 | 17 | 17 | 19 | 17 | 15 | 17 | 18 | 17 | 23 | 16 | 23 | 17 | 27 | 17 | 22 | 17 |
| 31 | 20 | 5.5 | 19 | 5.5 | 18 | 6.5 | 18 | 5.5 | 18 | 3.5 | 20 | 4.5 | 23 | 4 | 25 | 3 | 26 | 3 | 29 | 4 | 30 | 4 | 9 | 4 | 5 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 204 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | .010 | .020 | .005 | .015 | .020 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .020 | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | .010 | . | .005 | .005 | .010 | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | .010 | . | . | . | .005 | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .010 | .010 | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | .005 | .005 | . | . | . | .005 | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | . | . | .010 | .010 | . | .200 | .060 | . | .005 | . | .005 | . | . | . | .010 | .010 | .010 | .030 | .020 |
| 24 | .010 | .050 | .050 | .030 | .020 | . | . | . | . | . | . | . | . | .010 | .010 | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | .010 | .005 | .005 | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | . | . | .040 | .020 | . | . | . | . | . | . | . | .010 | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | .050 | . | . | .010 | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | .010 | . | . | .010 | .005 | . | .010 | .020 | . | . | . | .020 | .035 | .005 | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .010 |
| 30 | . | . | . | . | . | ------ | ---- | .065 | ---- | ---- | . | . | . | . | .010 | .015 | . | . | . | .005 | .010 | . | . | . |
| 31 | . | . | . | . | .010 | . | . | . | . | . | . | . | . | . | . | .010 | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | | |
| 5 | 18 | 14 | 19 | 15 | 20 | 13 | 21 | 8.6 | 22 | 7.5 | 23 | 9.5 | 21 | 8.5 | 20 | 8.5 | 20 | 9.5 | 20 | 12 | 1 |
| 7.5 | 32 | 10.5 | 30 | 9.5 | 32 | 10.5 | 32 | 10.5 | 29 | 9.5 | 32 | 6.5 | 32 | 4 | 32 | 4 | 32 | 4 | 30 | 3 | 2 |
| 2 | 1 | 13 | 32 | 13 | 32 | 14 | 32 | 14 | 32 | 11 | 32 | 7.5 | 32 | 6.5 | 2 | 7.5 | 3 | 9.5 | 3 | 9.5 | 3 |
| 7.5 | 1 | 9.5 | 2 | 8.5 | 3 | 8.5 | 2 | 9.5 | 2 | 10.5 | 2 | 6.5 | 3 | 5.5 | 3 | 3 | 3 | 4 | 3 | 2 | 4 |
| 5.5 | 31 | 6.5 | 31 | 4.5 | 31 | 4 | 31 | 3 | 31 | 5.5 | 2 | 7.5 | 32 | 7.5 | 1 | 4.5 | 1 | 4.5 | 32 | 4.5 | 5 |
| 7.5 | 32 | 10.5 | 32 | 10.5 | 32 | 11 | 32 | 10.5 | 32 | 10.5 | 1 | 8.5 | 32 | 9.5 | 32 | 5.5 | 31 | 4 | 31 | 4 | 6 |
| 7.5 | 2 | 6.5 | 3 | 6.5 | 4 | 6.5 | 4 | 7.5 | 5 | 6.5 | 5 | 6.5 | 4 | 4.5 | 4 | 4 | 4 | 3 | 4 | 3 | 7 |
| 7.5 | 7 | 6.5 | 7 | 8.5 | 5 | 6.5 | 5 | 6.5 | 7 | 6.5 | 2 | 7.5 | 2 | 5.5 | 2 | 4 | 2 | 3 | 2 | 2 | 8 |
| 5.5 | 2 | 7.5 | 5 | 8.5 | 2 | 10.5 | 3 | 12 | 2 | 10.5 | 1 | 7.5 | 2 | 4.5 | 2 | 4 | 2 | 3 | 2 | 3 | 9 |
| 0.5 | 7 | 7.5 | 5 | 13 | 7 | 10.5 | 7 | 7.5 | 5 | 8.5 | 4 | 9.5 | 5 | 9.5 | 5 | 7.5 | 3 | 7.5 | 3 | 4.5 | 10 |
| 5 | 6 | 18 | 7 | 19 | 6 | 17 | 7 | 17 | 6 | 16 | 7 | 14 | 6 | 12 | 6 | 13 | 5 | 13 | 6 | 10.5 | 11 |
| 6 | 8 | 12 | 8 | 12 | 8 | 11 | 6 | 9.5 | 8 | 9.5 | 7 | 6.5 | 6 | 5.5 | 6 | 7.5 | 6 | 7.5 | 7 | 7.5 | 12 |
| 7 | 6 | 9.5 | 6 | 10.5 | 7 | 9.5 | 6 | 9.5 | 7 | 6.5 | 7 | 6.5 | 7 | 5.5 | 7 | 7.5 | 6 | 4.5 | 6 | 4 | 13 |
| 13 | 6 | 12 | 5 | 13 | 6 | 13 | 5 | 12 | 5 | 11 | 4 | 7.6 | 4 | 5.5 | 4 | 5.5 | 5 | 5.5 | 5 | 5.5 | 14 |
| 9.5 | 8 | 10.5 | 7 | 10.5 | 6 | 13 | 5 | 10.5 | 6 | 10.8 | 6 | 8.5 | 6 | 9.5 | 6 | 9.5 | 6 | 6.5 | 6 | 7.5 | 15 |
| 10.5 | 7 | 8.5 | 8 | 9.5 | 7 | 8.5 | 9 | 10.5 | 8 | 8.5 | 7 | 6.5 | 6 | 6.5 | 6 | 4 | 6 | 3 | 6 | 2 | 16 |
| 4.5 | 6 | 4.5 | 5 | 4.5 | 7 | 5.5 | 14 | 4.5 | 17 | 6.5 | 17 | 4.5 | 17 | 4.5 | 17 | 4.5 | 17 | 4 | 19 | 4 | 17 |
| 5.5 | 26 | 7.5 | 26 | 6.5 | 4 | 6.5 | 4 | 6.5 | 3 | 6.5 | 4 | 6.6 | 4 | 6.5 | 5 | 4.5 | 6 | 3 | 6 | 3 | 18 |
| 8.5 | 29 | 10.5 | 29 | 7.5 | 28 | 10.5 | 28 | 6.5 | 28 | 6.5 | 28 | 4.5 | 26 | 4.5 | 22 | 4.5 | 22 | 4.5 | 21 | 4 | 19 |
| 5.5 | 29 | 4.5 | 27 | 7.5 | 25 | 8.5 | 28 | 9.5 | 25 | 6.5 | 23 | 6.5 | 21 | 6.5 | 24 | 4.5 | 24 | 6.5 | 22 | 5.5 | 20 |
| 5.5 | 25 | 5.5 | 24 | 6.5 | 25 | 4.5 | 25 | 4.6 | 21 | 6.5 | 20 | 13 | 20 | 10.5 | 18 | 10.5 | 20 | 13 | 20 | 14 | 21 |
| 8.5 | 29 | 8.5 | 29 | 8.5 | 27 | 10.5 | 28 | 7.5 | 29 | 6.5 | 27 | 5.5 | 25 | 5.5 | 25 | 6.5 | 24 | 4.5 | 21 | 7.5 | 22 |
| 13 | 21 | 15 | 21 | 16 | 21 | 16 | 21 | 15 | 21 | 15 | 21 | 12 | 20 | 10.5 | 20 | 10.5 | 21 | 11 | 21 | 13 | 23 |
| 14 | 23 | 12 | 23 | 13 | 22 | 17 | 21 | 15 | 22 | 11 | 21 | 11 | 20 | 11 | 20 | 9.5 | 21 | 9.5 | 20 | 9.5 | 24 |
| 10.5 | 19 | 12 | 17 | 11 | 18 | 16 | 17 | 18 | 17 | 16 | 17 | 18 | 16 | 19 | 16 | 22 | 17 | 21 | 17 | 19 | 25 |
| 14 | 20 | 14 | 21 | 14 | 21 | 14 | 22 | 12 | 20 | 10.5 | 21 | 8.5 | 21 | 6.5 | 21 | 4.5 | 21 | 4.5 | 21 | 4 | 26 |
| 8.5 | 29 | 7.5 | 31 | 4.5 | 25 | 4 | 25 | 6.5 | 22 | 10.5 | 21 | 8.5 | 20 | 8.5 | 21 | 10.5 | 21 | 8.5 | 21 | 9.5 | 27 |
| 10.5 | 28 | 12 | 25 | 13 | 25 | 13 | 25 | 10.5 | 25 | 8.5 | 27 | 8.5 | 25 | 6.5 | 22 | 6.5 | 21 | 7.5 | 21 | 6.5 | 28 |
| 10.5 | 20 | 10.5 | 18 | 10.5 | 18 | 10.5 | 15 | 13 | 14 | 16 | 15 | 15 | 15 | 13 | 16 | 13 | 17 | 13 | 17 | 15 | 29 |
| 19 | 17 | 14 | 17 | 11 | 18 | 13 | 19 | 9.5 | 20 | 6.5 | 20 | 8.5 | 19 | 6.5 | 18 | 5.5 | 18 | 6.5 | 19 | 6.5 | 30 |
| 11 | 5 | 10.5 | 6 | 10.5 | 6 | 10.5 | 18 | 9.5 | 5 | 9.5 | 7 | 8.5 | 8 | 9.5 | 7 | 6.5 | 5 | 7.5 | 5 | 5.5 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .244 | .243 | .242 | .251 | .252 | .263 | .273 | .273 | .282 | .296 | .303 | .310 | .307 | .310 | .305 | .304 | .310 | .326 | .323 | .303 | .298 | .296 | .295 | 1 |
| .308 | .284 | .286 | .267 | .283 | .286 | .281 | .277 | .267 | .262 | .251 | .264 | .254 | .259 | .255 | .254 | .243 | .248 | .239 | .241 | .228 | .209 | .209 | 2 |
| .220 | .222 | .216 | .216 | .223 | .225 | .225 | .231 | .214 | .241 | .241 | .225 | .233 | .234 | .225 | .235 | .225 | .248 | .249 | .258 | .251 | .267 | .251 | 3 |
| .249 | .249 | .241 | .233 | .231 | .253 | .253 | .253 | .253 | .259 | .265 | .265 | .252 | .245 | .253 | .263 | .274 | .261 | .238 | .242 | .237 | .235 | .227 | 4 |
| .211 | .201 | .194 | .195 | .195 | .221 | .241 | .239 | .252 | .256 | .277 | .291 | .308 | .320 | .321 | .335 | .338 | .323 | .319 | .301 | .293 | .277 | .274 | 5 |
| .266 | .245 | .225 | .221 | .230 | .229 | .230 | .231 | .245 | .260 | .251 | .248 | .239 | .248 | .240 | .237 | .226 | .215 | .206 | .199 | .197 | .203 | .205 | 6 |
| .196 | .194 | .187 | .189 | .192 | .204 | .211 | .212 | .224 | .212 | .219 | .229 | .237 | .226 | .239 | .231 | .218 | .219 | .216 | .210 | .200 | .198 | .194 | 7 |
| .190 | .187 | .181 | .173 | .182 | .193 | .212 | .228 | .242 | .244 | .246 | .238 | .235 | .233 | .258 | .252 | .258 | .248 | .233 | .231 | .237 | .240 | .237 | 8 |
| .223 | .216 | .214 | .201 | .209 | .224 | .244 | .273 | .286 | .292 | .295 | .279 | .262 | .269 | .264 | .281 | .279 | .281 | .273 | .271 | .265 | .246 | .235 | 9 |
| .251 | .257 | .279 | .282 | .294 | .299 | .295 | .294 | .320 | .318 | .301 | .286 | .278 | .270 | .274 | .268 | .281 | .278 | .290 | .283 | .288 | .280 | .281 | 10 |
| .273 | .273 | .263 | .251 | .236 | .247 | .235 | .227 | .238 | .240 | .270 | .268 | .255 | .241 | .226 | .226 | .231 | .223 | .239 | .231 | .235 | .236 | .249 | 11 |
| .253 | .261 | .259 | .272 | .264 | .260 | .258 | .253 | .253 | .252 | .247 | .242 | .248 | .244 | .244 | .244 | .238 | .249 | .238 | .233 | .230 | .232 | .237 | 12 |
| .231 | .222 | .213 | .222 | .227 | .253 | .249 | .247 | .231 | .237 | .237 | .245 | .256 | .249 | .253 | .240 | .242 | .247 | .253 | .252 | .246 | .245 | .251 | 13 |
| .255 | .242 | .237 | .234 | .255 | .259 | .257 | .266 | .277 | .269 | .266 | .263 | .274 | .285 | .285 | .274 | .276 | .278 | .292 | .299 | .293 | .297 | .283 | 14 |
| .286 | .278 | .279 | .270 | .271 | .291 | .282 | .302 | .301 | .312 | .308 | .312 | .314 | .305 | .315 | .301 | .300 | .289 | .288 | .288 | .282 | .274 | .272 | 15 |
| .263 | .263 | .265 | .269 | .264 | .261 | .252 | .264 | .271 | .278 | .291 | .305 | .296 | .302 | .291 | .287 | .278 | .288 | .295 | .286 | .289 | .281 | .265 | 16 |
| .250 | .245 | .236 | .237 | .259 | .277 | .283 | .282 | .271 | .277 | .284 | .307 | .312 | .310 | .321 | .314 | .315 | .305 | .293 | .282 | .280 | .284 | .285 | 17 |
| .282 | .274 | .270 | .273 | .273 | .293 | .304 | .298 | .306 | .316 | .325 | .333 | .343 | .337 | .340 | .351 | .334 | .329 | .312 | .310 | .319 | .321 | .312 | 18 |
| .310 | .309 | .320 | .319 | .326 | .345 | .367 | .363 | .364 | .385 | .397 | .410 | .425 | .419 | .426 | .391 | .346 | .370 | .372 | .296 | .277 | .264 | .271 | 19 |
| .281 | .276 | .272 | .301 | .324 | .333 | .348 | .355 | .358 | .367 | .386 | .386 | .400 | .416 | .392 | .397 | .325 | .297 | .289 | .268 | .283 | .301 | .298 | 20 |
| .293 | .293 | .285 | .298 | .312 | .330 | .339 | .343 | .350 | .356 | .368 | .369 | .371 | .388 | .400 | .392 | .398 | .382 | .349 | .302 | .300 | .327 | .329 | 21 |
| .334 | .298 | .302 | .308 | .315 | .312 | .327 | .327 | .332 | .319 | .300 | .307 | .312 | .305 | .311 | .288 | .299 | .304 | .293 | .311 | .294 | .297 | .294 | 22 |
| .306 | .307 | .305 | .315 | .323 | .331 | .352 | .363 | .373 | .360 | .359 | .376 | .379 | .369 | .362 | .364 | .359 | .360 | .357 | .360 | .347 | .353 | .350 | 23 |
| .356 | .342 | .338 | .300 | .273 | .266 | .246 | .257 | .238 | .237 | .249 | .232 | .251 | .284 | .255 | .243 | .232 | .241 | .239 | .241 | .241 | .241 | .233 | 24 |
| .240 | .240 | .243 | .249 | .255 | .272 | .273 | .277 | .281 | .286 | .297 | .339 | .317 | .294 | .279 | .296 | .302 | .328 | .348 | .346 | .350 | .344 | .342 | 25 |
| .343 | .347 | .339 | .353 | .332 | .322 | .320 | .310 | .299 | .283 | .262 | .292 | .282 | .260 | .261 | .250 | .353 | .343 | .333 | .311 | .297 | .280 | .278 | 26 |
| .261 | .261 | .259 | .261 | .270 | .275 | .280 | .278 | .263 | .265 | .270 | .314 | .287 | .284 | .274 | .295 | .279 | .252 | .250 | .244 | .246 | .247 | .249 | 27 |
| .259 | .259 | .237 | .242 | .244 | .244 | .246 | .240 | .251 | .258 | .281 | .274 | .286 | .270 | .263 | .251 | .277 | .283 | .259 | .260 | .250 | .248 | .244 | 28 |
| .240 | .235 | .233 | .233 | .239 | .264 | .279 | .275 | .269 | .292 | .273 | .260 | .267 | .277 | .270 | .270 | .285 | .303 | .288 | .298 | .299 | .284 | .282 | 29 |
| .286 | .284 | .290 | .308 | .312 | .317 | .317 | .320 | .317 | .335 | .334 | .342 | .350 | .350 | .374 | .380 | .368 | .344 | .333 | .353 | .342 | .344 | .330 | 30 |
| .322 | .320 | .321 | .337 | .342 | .344 | .330 | .325 | .344 | * | ‡325 | * | ‡353 | * | ‡356 | ‡342 | ‡326 | .320 | .321 | .309 | .316 | .303 | .302 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

# GLASGOW OBSERVATORY LAT: 55° 53' N. LONG: 4° 18'

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.092 | 30.072 | 30.052 | 30.042 | 30.036 | 30.034 | 30.027 | 29.997 | 29.993 | 29.968 | 29.950 | 29.914 | 29. |
| 2 | 29.656 | 29.639 | 29.637 | 29.634 | 29.643 | 29.653 | 29.669 | .688 | .692 | .692 | .687 | .674 | |
| 3 | .652 | 638 | 631 | .621 | .621 | .630 | .634 | .642 | .644 | .651 | .659 | .660 | |
| 4 | .849 | .853 | .853 | .867 | .885 | .903 | .917 | .926 | .930 | .935 | .930 | .930 | |
| 5 | .934 | .925 | .927 | .928 | .932 | .930 | .936 | .942 | .938 | .938 | .933 | .922 | |
| 6 | .902 | .896 | .890 | .890 | .891 | .891 | .897 | .898 | .898 | .892 | .888 | .885 | |
| 7 | .969 | .970 | .966 | .965 | .968 | .974 | .976 | .975 | .969 | .955 | .948 | .936 | |
| 8 | 29.908 | 29.904 | 29.905 | 29.904 | 29.908 | 29.925 | 29.938 | 29.946 | 29.944 | 29.949 | 29.952 | 29.953 | 29. |
| 9 | 30.166 | 30.162 | 30.161 | 30.168 | 30.167 | 30.184 | 30.193 | 30.193 | 30.188 | 30.176 | 30.169 | 30.162 | 30. |
| 10 | 30.021 | 30.011 | 30.001 | 29.977 | 29.968 | 29.969 | 29.968 | 29.969 | 29.970 | 29.958 | 29.953 | 29.942 | 29. |
| 11 | 29.980 | 29.972 | 29.967 | 29.961 | 29.958 | 29.951 | 29.941 | 29.940 | 29.944 | 29.951 | 29.964 | 29.952 | 29. |
| 12 | 29.984 | 29.988 | 29.998 | 29.994 | 30.002 | 30.020 | 30.035 | 30.044 | 30.043 | 30.059 | 30.048 | 30.058 | 30. |
| 13 | 30.095 | 30.086 | 30.083 | 30.086 | .094 | .102 | .102 | .111 | .117 | .116 | .110 | .112 | |
| 14 | .118 | .113 | .117 | .114 | .117 | .120 | .118 | .120 | .121 | .110 | .107 | .101 | |
| 15 | .137 | .135 | .133 | .131 | .132 | .137 | .149 | .154 | .159 | .144 | .150 | .136 | |
| 16 | .134 | .131 | .123 | .123 | .120 | .123 | .122 | .130 | .128 | .124 | .122 | .112 | |
| 17 | .129 | .127 | .123 | .126 | .134 | .134 | .131 | .129 | .120 | .120 | .118 | .112 | |
| 18 | .159 | .157 | 30.156 | 30.148 | 30.151 | 30.164 | 30.153 | 30.148 | 30.143 | 30.126 | 30.120 | 30.100 | 30. |
| 19 | 30.024 | 30.012 | 29.989 | 29.984 | 29.978 | 29.966 | 29.971 | 29.953 | 29.950 | 29.939 | 29.939 | 29.924 | 29. |
| 20 | 29.961 | 29.964 | .964 | .968 | .970 | .984 | .992 | .999 | 30.002 | 30.022 | 30.029 | 30.032 | 30. |
| 21 | 30.020 | 30.006 | .989 | .972 | .956 | .951 | .948 | .958 | 29.953 | 29.939 | 29.943 | 29.937 | 29. |
| 22 | 29.536 | 29.518 | .492 | .475 | .448 | .416 | .405 | .389 | .408 | .416 | .419 | .448 | |
| 23 | .558 | .546 | .524 | .494 | .477 | .457 | .437 | .424 | .401 | .371 | .350 | .322 | |
| 24 | .225 | .206 | .191 | .168 | .172 | .201 | .204 | .226 | .253 | .305 | .328 | .365 | |
| 25 | .567 | .570 | .568 | .570 | .580 | .590 | .599 | .620 | .624 | .634 | .648 | .651 | |
| 26 | .498 | .467 | .453 | .433 | .424 | .413 | .417 | .448 | .476 | .490 | .511 | .514 | |
| 27 | .606 | .592 | .586 | .588 | .590 | .592 | .598 | .591 | .589 | .586 | .590 | .584 | |
| 28 | 29.727 | 29.733 | 29.740 | 29.744 | 29.758 | 29.771 | 29.781 | 29.801 | 29.818 | 29.844 | 29.847 | 29.868 | 29. |
| 29 | 30.051 | 30.074 | 30.095 | 30.113 | 30.126 | 30.143 | 30.159 | 30.170 | 30.178 | 30.178 | 30.183 | 30.171 | 30. |
| 30 | 30.085 | 30.059 | 30.041 | 30.018 | 30.007 | 29.994 | 29.988 | 29.975 | 29.965 | 29.945 | 29.925 | 29.908 | 29. |
| 31 | 29.791 | 29.789 | 29.790 | 29.787 | 29.793 | 29.801 | 29.817 | 29.828 | 29.836 | 29.853 | 29.874 | 29.882 | 29. |

## DRY BULB THERMOMETER 7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 41.9 | 42.2 | 42.2 | 42.6 | 42.3 | 43.6 | 46.7 | 49.0 | 49.7 | 52.1 | 52.3 | 53.9 | 54.4 | 55.5 | 56.3 | 57.3 | 57.6 | 56.1 | 53.4 | 51.5 | 49.9 | 48.0 | 48.0 | 49.0 |
| 2 | 49.9 | 49.3 | 48.9 | 48.2 | 47.2 | 47.0 | 47.0 | 48.2 | 50.2 | 50.9 | 54.7 | 54.0 | 54.8 | 53.9 | 53.2 | 55.3 | 55.7 | 54.2 | 51.0 | 47.5 | 45.6 | 44.9 | 44.0 | 42.6 |
| 3 | 41.7 | 40.5 | 39.6 | 39.3 | 40.1 | 40.6 | 43.3 | 45.0 | 45.9 | 46.4 | 47.5 | 48.7 | 48.3 | 47.9 | 48.6 | 47.6 | 47.8 | 47.1 | 46.2 | 44.5 | 43.1 | 41.6 | 42.2 | 41.5 |
| 4 | 40.9 | 39.7 | 40.0 | 38.7 | 38.9 | 40.1 | 42.0 | 46.9 | 48.1 | 47.8 | 50.2 | 51.2 | 52.2 | 53.3 | 54.8 | 56.0 | 56.0 | 55.0 | 54.4 | 50.8 | 45.9 | 44.0 | 43.0 | 42.2 |
| 5 | 40.8 | 39.9 | 39.1 | 38.5 | 37.8 | 39.7 | 42.3 | 45.0 | 47.8 | 50.3 | 53.0 | 54.8 | 56.9 | 57.6 | 58.5 | 60.2 | 61.1 | 60.3 | 56.8 | 53.3 | 50.7 | 48.0 | 46.8 | 45.3 |
| 6 | 43.5 | 41.7 | 41.8 | 40.3 | 39.9 | 43.2 | 45.5 | 47.8 | 49.6 | 52.3 | 53.7 | 54.0 | 56.0 | 55.2 | 55.8 | 58.0 | 55.2 | 53.2 | 51.9 | 48.0 | 44.9 | 44.1 | 42.9 | 42.3 |
| 7 | 42.2 | 41.2 | 41.9 | 41.1 | 41.8 | 42.0 | 42.8 | 43.2 | 45.4 | 46.7 | 47.3 | 48.8 | 51.0 | 50.8 | 50.5 | 53.1 | 51.4 | 50.4 | 48.2 | 46.6 | 45.0 | 44.2 | 43.8 | 42.3 |
| 8 | 42.3 | 42.1 | 41.0 | 39.0 | 38.3 | 38.9 | 42.4 | 46.7 | 49.7 | 51.1 | 52.5 | 54.1 | 54.9 | 56.6 | 57.0 | 59.1 | 56.9 | 55.0 | 50.3 | 47.9 | 45.9 | 43.1 | 42.2 | 41.7 |
| 9 | 40.9 | 39.3 | 37.1 | 37.1 | 36.2 | 37.2 | 39.8 | 44.0 | 48.9 | 50.0 | 53.9 | 54.8 | 57.5 | 58.3 | 57.5 | 59.2 | 58.5 | 57.2 | 56.0 | 52.5 | 50.8 | 49.8 | 49.1 | 48.8 |
| 10 | 48.8 | 48.9 | 48.2 | 47.4 | 47.3 | 48.3 | 50.0 | 53.8 | 52.1 | 53.7 | 54.3 | 54.7 | 55.3 | 53.0 | 50.9 | 51.1 | 54.7 | 51.9 | 47.9 | 47.5 | 46.8 | 46.9 | 45.9 | 44.3 |
| 11 | 43.4 | 42.5 | 42.2 | 41.9 | 41.6 | 42.3 | 43.1 | 42.9 | 43.1 | 45.7 | 47.0 | 49.1 | 51.1 | 53.3 | 52.5 | 52.5 | 49.0 | 49.3 | 47.5 | 45.3 | 46.8 | 44.0 | 44.0 | 43.6 |
| 12 | 42.6 | 41.0 | 41.1 | 42.0 | 42.2 | 42.5 | 44.1 | 45.0 | 47.6 | 46.8 | 49.6 | 50.0 | 51.1 | 51.5 | 52.6 | 53.5 | 53.0 | 52.5 | 49.7 | 47.7 | 45.8 | 43.0 | 44.3 | 44.7 |
| 13 | 44.5 | 44.9 | 44.0 | 44.6 | 44.7 | 45.2 | 46.6 | 48.3 | 47.5 | 48.2 | 51.0 | 50.6 | 51.7 | 51.6 | 52.0 | 51.3 | 50.2 | 51.8 | 49.0 | 46.9 | 45.0 | 44.3 | 44.1 | 44.7 |
| 14 | 45.3 | 43.6 | 43.6 | 42.7 | 41.7 | 42.1 | 44.5 | 46.4 | 47.3 | 49.0 | 51.0 | 52.1 | 53.9 | 54.5 | 55.0 | 54.9 | 54.3 | 53.9 | 51.0 | 48.7 | 46.2 | 44.5 | 44.1 | 43.9 |
| 15 | 43.9 | 44.2 | 43.2 | 43.2 | 44.0 | 45.3 | 45.8 | 46.1 | 46.5 | 48.6 | 48.9 | 50.9 | 53.0 | 51.8 | 52.6 | 55.0 | 54.2 | 51.5 | 48.1 | 46.5 | 44.9 | 43.6 | 41.9 | 41.3 |
| 16 | 40.7 | 40.3 | 43.3 | 43.0 | 43.8 | 45.0 | 46.4 | 46.8 | 48.2 | 49.0 | 50.9 | 51.5 | 52.2 | 52.9 | 54.2 | 52.9 | 54.7 | 55.3 | 51.0 | 48.9 | 46.2 | 44.3 | 44.4 | 43.6 |
| 17 | 42.8 | 42.3 | 42.3 | 40.1 | 40.5 | 42.8 | 46.8 | 47.9 | 49.4 | 52.2 | 57.0 | 57.5 | 58.6 | 59.8 | 61.3 | 61.3 | 60.6 | 58.8 | 56.7 | 53.9 | 51.0 | 49.7 | 46.6 | 47.5 |
| 18 | 47.5 | 46.8 | 46.6 | 45.8 | 46.0 | 45.9 | 47.6 | 51.9 | 53.9 | 55.4 | 57.3 | 59.1 | 61.3 | 62.9 | 62.0 | 61.0 | 61.0 | 59.5 | 58.3 | 56.0 | 55.2 | 54.4 | 53.1 | 52.8 |
| 19 | 52.3 | 52.1 | 51.8 | 51.7 | 51.9 | 52.1 | 52.1 | 53.3 | 53.6 | 54.8 | 55.6 | 57.2 | 61.9 | 62.8 | 66.7 | 68.9 | 68.0 | 66.7 | 61.7 | 57.0 | 55.3 | 53.2 | 52.9 | 52.3 |
| 20 | 51.7 | 50.7 | 51.3 | 52.4 | 53.0 | 54.6 | 57.9 | 59.0 | 59.7 | 60.7 | 62.6 | 62.9 | 62.6 | 62.9 | 63.4 | 61.8 | 58.9 | 56.6 | 55.9 | 55.4 | 54.9 | 53.4 | 52.6 | 51.0 |
| 21 | 50.6 | 50.3 | 49.3 | 50.0 | 50.2 | 51.1 | 51.9 | 53.4 | 53.3 | 56.0 | 56.0 | 55.4 | 55.5 | 58.4 | 47.1 | 55.3 | 53.9 | 52.0 | 52.4 | 51.3 | 50.0 | 50.0 | 50.1 | 51.0 |
| 23 | 50.7 | 50.3 | 49.2 | 49.0 | 49.7 | 49.7 | 50.6 | 52.1 | 52.9 | 53.6 | 56.0 | 58.0 | 57.4 | 58.0 | 57.2 | 57.6 | 57.2 | 54.0 | 52.2 | 50.2 | 48.2 | 47.3 | 46.8 | 47.2 |
| 22 | 48.0 | 48.1 | 48.6 | 47.8 | 47.9 | 48.3 | 48.8 | 49.0 | 50.0 | 52.7 | 51.8 | 52.0 | 52.6 | 52.5 | 53.0 | 55.8 | 54.2 | 53.0 | 52.1 | 51.0 | 50.9 | 50.2 | 50.0 | 49.5 |
| 24 | 48.5 | 47.3 | 47.8 | 47.6 | 48.1 | 44.1 | 47.1 | 46.6 | 50.6 | 50.2 | 51.1 | 51.5 | 52.0 | 51.9 | 52.8 | 51.9 | 47.5 | 50.6 | 49.4 | 46.9 | 45.7 | 45.2 | 45.7 | 45.6 |
| 25 | 45.3 | 44.8 | 44.9 | 44.8 | 45.8 | 46.7 | 47.9 | 49.1 | 49.2 | 51.2 | 52.7 | 54.0 | 50.0 | 55.8 | 57.8 | 57.4 | 54.4 | 55.1 | 54.2 | 52.9 | 51.9 | 51.6 | 50.8 | 50.9 |
| 26 | 51.9 | 51.6 | 51.8 | 50.9 | 50.9 | 51.5 | 52.9 | 51.6 | 48.9 | 50.1 | 51.1 | 52.1 | 54.9 | 56.0 | 57.9 | 58.9 | 55.2 | 55.0 | 52.6 | 51.5 | 50.5 | 50.0 | 48.9 | 48.0 |
| 27 | 47.5 | 46.7 | 46.8 | 46.1 | 46.6 | 47.6 | 49.0 | 50.8 | 52.9 | 54.1 | 53.9 | 55.8 | 52.0 | 52.3 | 57.0 | 55.9 | 54.0 | 53.5 | 51.4 | 50.5 | 48.1 | 47.2 | 46.6 | 45.7 |
| 28 | 44.9 | 44.7 | 43.6 | 44.1 | 44.6 | 46.0 | 47.8 | 48.8 | 46.0 | 44.9 | 46.0 | 47.2 | 51.1 | 51.0 | 50.4 | 52.1 | 50.6 | 51.8 | 45.9 | 46.3 | 46.2 | 44.9 | 43.6 | 42.6 |
| 29 | 43.4 | 41.1 | 41.3 | 40.0 | 41.2 | 44.0 | 48.9 | 49.9 | 50.9 | 54.5 | 53.9 | 56.9 | 56.0 | 54.9 | 58.3 | 59.2 | 57.6 | 55.1 | 53.8 | 52.3 | 49.7 | 48.3 | 48.0 | 48.2 |
| 30 | 48.2 | 48.3 | 47.3 | 47.6 | 48.0 | 49.3 | 50.4 | 51.0 | 52.0 | 52.7 | 52.0 | 51.0 | 51.4 | 50.0 | 49.2 | 49.2 | 49.2 | 50.5 | 49.8 | 49.5 | 49.6 | 49.4 | 49.6 | 49.0 |
| 31 | 49.1 | 48.9 | 48.9 | 48.4 | 48.9 | 50.0 | 49.9 | 51.1 | 52.2 | 52.2 | 52.4 | 52.8 | 53.4 | 53.1 | 52.7 | 52.6 | 52.4 | 54.1 | 53.9 | 51.4 | 49.6 | 47.9 | 46.8 | 47.3 |

*Record defective or Instrument out of action †Reading of Standard ‡Approximate

# HOURLY VALUES MAY 1880

## CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 758 | 29.833 | 29.802 | 29.783 | 29.768 | 29.738 | 29.728 | 29.721 | 29.712 | 29.698 | 29.678 | 29.591 | 1 |
| 670 | .669 | .666 | .665 | .670 | .677 | .693 | .694 | .689 | .680 | .668 | 29.670 | 2 |
| 673 | .677 | .684 | .697 | .718 | .734 | .765 | .787 | .809 | .821 | .836 | 29.689 | 3 |
| 710 | .904 | .896 | .896 | .892 | .894 | .904 | .916 | .929 | .932 | .935 | 29.905 | 4 |
| 708 | .903 | .892 | .884 | .882 | .883 | 890 | 897 | 897 | .900 | .900 | 29.914 | 5 |
| 878 | .882 | .873 | .885 | .893 | .908 | .925 | .940 | .953 | .966 | .965 | 29.903 | 6 |
| 911 | .899 | .889 | .885 | .884 | 29.888 | 29.894 | 29.901 | 29.909 | 29.906 | 29.905 | 29.932 | 7 |
| 966 | 29.960 | 29.963 | 29.975 | 29.998 | 30.030 | 30.065 | 30.091 | 30.118 | 30.131 | 30.145 | 29.981 | 8 |
| 131 | 30.120 | 30.109 | 30.096 | 30.080 | 30.075 | 30.074 | 30.070 | 30.061 | 30.050 | 30.044 | 30.131 | 9 |
| 947 | 29.948 | 29.941 | 29.936 | 29.942 | 29.958 | 29.968 | 29.976 | 29.976 | 29.973 | 29.981 | 29.966 | 10 |
| 933 | 29.935 | 29.938 | 29.949 | 29.961 | 29.969 | 29.973 | 29.993 | 29.984 | 29.999 | 29.996 | 29.961 | 11 |
| 053 | 30.048 | 30.045 | 30.056 | 30.057 | 30.070 | 30.082 | 30.093 | 30.102 | 30.104 | 30.102 | 30.048 | 12 |
| 108 | .101 | .100 | .101 | .105 | .112 | .124 | .130 | .128 | .128 | .128 | 30.108 | 13 |
| 082 | .088 | .084 | .083 | .085 | .089 | .107 | .135 | .136 | .140 | .137 | 30.110 | 14 |
| 135 | .130 | .113 | .110 | .114 | .128 | .136 | .144 | .141 | .143 | .137 | 30.136 | 15 |
| 105 | .100 | .098 | .088 | .083 | .091 | .096 | .110 | .113 | .118 | .116 | 30.113 | 16 |
| 104 | 098 | .090 | .094 | .099 | .110 | .136 | .150 | .159 | .162 | .160 | 30.124 | 17 |
| 069 | 30.060 | 30.054 | 30.051 | 30.041 | 30.048 | 30.049 | 30.058 | 30.048 | 30.040 | 30.040 | 30.099 | 18 |
| 902 | 29.911 | 29.904 | 29.898 | 29.902 | 29.919 | 29.942 | 29.950 | 29.961 | 29.952 | 29.954 | 29.948 | 19 |
| 041 | 30.042 | 30.047 | 30.050 | 30.058 | 30.057 | 30.065 | 30.063 | 30.054 | 30.048 | 30.040 | 30.021 | 20 |
| 896 | 29.876 | 29.852 | 29.840 | 29.823 | 29.796 | 29.773 | 29.741 | 29.692 | 29.657 | 29.609 | 29.877 | 21 |
| 475 | .490 | .501 | .525 | .547 | .562 | .577 | .585 | .582 | .586 | .573 | 29.494 | 22 |
| 313 | .291 | .281 | .266 | .261 | .272 | .266 | .255 | .247 | .245 | .235 | 29.359 | 23 |
| 417 | .434 | .461 | .482 | .495 | .510 | .527 | .546 | .560 | .559 | .562 | 29.366 | 24 |
| 651 | .650 | .653 | .643 | .632 | .621 | .610 | .592 | .573 | .554 | .524 | 29.608 | 25 |
| 573 | .524 | .532 | .538 | .538 | .558 | .570 | .595 | .599 | .597 | .600 | 29.509 | 26 |
| 595 | .593 | .618 | .617 | .627 | 640 | 661 | .676 | 29.697 | 29.707 | 29.719 | 29.618 | 27 |
| 885 | 29.900 | 29.907 | 29.912 | 29.926 | 29.937 | 29.953 | 29.981 | 30.001 | 30.021 | 30.043 | 29.565 | 28 |
| 164 | 30.158 | 30.150 | 30.140 | 30.134 | 30.129 | 30.123 | 30.128 | 30.127 | 30.121 | 30.108 | 30.137 | 29 |
| 877 | 29.855 | 29.839 | 29.823 | 29.809 | 29.809 | 29.811 | 29.809 | 29.805 | 29.797 | 29.791 | 29.909 | 30 |
| 911 | 29.925 | 29.946 | 29.962 | 29.982 | 30.006 | 30.037 | 30.075 | 30.094 | 30.104 | 30.124 | 29.912 | 31 |

## WET BULB THERMOMETER 7 FEET ABOVE GROUND.

| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 39.6 | 40.0 | 40.9 | 40.7 | 41.9 | 43.8 | 46.1 | 46.2 | 47.0 | 46.9 | 48.2 | 47.6 | 46.1 | 49.0 | 50.0 | 49.6 | 49.3 | 48.6 | 47.1 | 45.1 | 44.0 | 44.0 | 44.3 | 45.3 | 1 |
| | 45.0 | 45.0 | 44.9 | 45.3 | 45.2 | 44.2 | 44.8 | 45.9 | 45.6 | 48.0 | 46.6 | 47.5 | 47.0 | 46.5 | 47.4 | 47.3 | 45.6 | 43.2 | 41.9 | 41.1 | 39.9 | 39.7 | 39.3 | 44.7 | 2 |
| | 38.4 | 37.8 | 37.4 | 37.1 | 37.2 | 39.3 | 39.3 | 40.4 | 40.9 | 41.8 | 42.0 | 42.6 | 42.7 | 43.3 | 42.7 | 42.9 | 43.0 | 42.8 | 42.2 | 41.1 | 39.5 | 39.9 | 39.3 | 40.5 | 3 |
| | 38.1 | 37.8 | 36.7 | 36.8 | 37.9 | 39.7 | 42.1 | 42.6 | 41.9 | 43.5 | 44.2 | 45.0 | 45.8 | 46.3 | 46.7 | 47.9 | 47.3 | 47.0 | 45.3 | 42.8 | 41.0 | 40.3 | 39.8 | 42.3 | 4 |
| | 38.2 | 37.8 | 37.1 | 36.5 | 38.3 | 40.5 | 42.1 | 43.7 | 45.7 | 46.2 | 47.4 | 49.3 | 50.5 | 51.5 | 52.6 | 52.5 | 52.2 | 50.9 | 49.3 | 47.8 | 45.8 | 44.5 | 43.3 | 45.1 | 5 |
| | 40.1 | 40.1 | 39.1 | 38.5 | 41.0 | 42.7 | 42.9 | 44.3 | 45.0 | 45.5 | 44.9 | 46.8 | 45.9 | 46.5 | 46.9 | 46.6 | 45.0 | 45.1 | 42.5 | 40.2 | 39.9 | 38.9 | 38.5 | 42.9 | 6 |
| | 38.4 | 38.0 | 37.0 | 37.0 | 36.5 | 37.7 | 38.0 | 38.5 | 39.3 | 39.0 | 41.1 | 42.3 | 41.9 | 41.8 | 43.1 | 42.4 | 41.6 | 41.0 | 40.1 | 39.1 | 39.1 | 38.6 | 38.0 | 39.5 | 7 |
| | 38.2 | 37.3 | 36.6 | 35.5 | 36.4 | 39.0 | 41.0 | 42.2 | 41.9 | 42.8 | 44.1 | 44.7 | 46.0 | 46.3 | 47.0 | 47.1 | 46.1 | 43.4 | 41.7 | 40.4 | 39.0 | 38.5 | 37.9 | 41.3 | 8 |
| | 36.6 | 35.3 | 35.3 | 34.7 | 35.9 | 37.9 | 40.9 | 43.0 | 43.9 | 47.5 | 47.0 | 49.9 | 50.1 | 49.3 | 50.4 | 50.4 | 49.7 | 49.8 | 48.0 | 46.9 | 46.1 | 45.9 | 45.7 | 44.1 | 9 |
| | 45.7 | 45.9 | 45.8 | 45.9 | 46.0 | 46.3 | 48.1 | 46.0 | 46.5 | 47.2 | 47.6 | 49.0 | 48.9 | 49.0 | 48.5 | 48.8 | 47.6 | 46.2 | 45.2 | 44.9 | 44.2 | 42.7 | 41.1 | 46.4 | 10 |
| | 38.6 | 38.1 | 37.7 | 37.3 | 37.5 | 38.9 | 39.2 | 40.9 | 42.7 | 43.2 | 44.7 | 45.8 | 44.0 | 43.9 | 43.9 | 43.7 | 43.5 | 42.5 | 41.7 | 41.3 | 41.0 | 41.1 | 40.5 | 41.4 | 11 |
| | 39.1 | 39.8 | 40.1 | 39.9 | 39.9 | 40.3 | 40.7 | 42.0 | 42.1 | 42.0 | 42.7 | 43.6 | 44.0 | 44.2 | 44.7 | 44.4 | 43.8 | 43.0 | 41.6 | 40.9 | 39.9 | 39.9 | 40.6 | 41.6 | 12 |
| | 41.7 | 41.7 | 42.2 | 42.2 | 43.2 | 44.7 | 44.9 | 44.1 | 44.5 | 44.8 | 44.9 | 44.0 | 44.1 | 44.6 | 43.9 | 43.7 | 44.3 | 43.0 | 42.1 | 41.9 | 42.3 | 42.8 | 43.2 | 43.8 | 13 |
| | 42.5 | 42.2 | 40.9 | 39.6 | 39.9 | 41.7 | 43.1 | 43.6 | 43.8 | 44.6 | 45.2 | 46.4 | 46.7 | 46.9 | 46.5 | 47.1 | 46.3 | 45.3 | 44.1 | 42.2 | 42.0 | 42.2 | 41.7 | 43.7 | 14 |
| | 42.1 | 41.3 | 41.2 | 41.8 | 42.2 | 42.8 | 43.0 | 42.9 | 44.0 | 44.1 | 44.6 | 46.2 | 46.1 | 46.0 | 47.3 | 47.1 | 45.2 | 43.7 | 42.9 | 41.9 | 41.6 | 40.5 | 40.2 | 43.4 | 15 |
| | 39.4 | 42.0 | 41.9 | 42.2 | 43.0 | 43.2 | 43.6 | 43.5 | 44.5 | 45.2 | 45.6 | 46.2 | 46.5 | 47.5 | 46.7 | 47.6 | 47.9 | 45.6 | 45.0 | 43.3 | 42.6 | 42.0 | 41.7 | 44.0 | 16 |
| | 40.6 | 40.7 | 39.2 | 39.6 | 41.0 | 44.2 | 45.2 | 46.5 | 47.0 | 50.0 | 49.9 | 49.5 | 50.2 | 50.6 | 50.7 | 49.8 | 46.6 | 47.6 | 47.0 | 45.8 | 44.8 | 44.2 | 43.8 | 45.7 | 17 |
| | 43.4 | 43.4 | 43.0 | 43.6 | 43.1 | 44.0 | 47.1 | 47.5 | 48.1 | 50.8 | 51.6 | 52.6 | 52.0 | 52.3 | 51.2 | 50.9 | 50.2 | 51.0 | 50.5 | 50.2 | 49.8 | 49.5 | 49.0 | 48.3 | 18 |
| | 48.4 | 48.0 | 47.9 | 47.9 | 48.7 | 49.4 | 50.4 | 51.2 | 52.1 | 52.5 | 53.5 | 56.6 | 57.0 | 59.5 | 59.9 | 59.0 | 58.1 | 55.3 | 53.3 | 52.0 | 50.8 | 50.1 | 49.2 | 52.5 | 19 |
| | 48.3 | 49.8 | 50.3 | 51.1 | 52.0 | 53.3 | 54.3 | 54.7 | 54.8 | 55.8 | 55.9 | 56.0 | 55.7 | 56.7 | 58.0 | 54.1 | 53.2 | 52.9 | 52.7 | 52.3 | 51.6 | 50.5 | 49.9 | 52.9 | 20 |
| | 47.8 | 48.3 | 48.8 | 49.3 | 50.1 | 50.4 | 50.0 | 51.0 | 50.2 | 50.2 | 48.9 | 48.9 | 50.6 | 50.8 | 49.0 | 48.7 | 48.9 | 48.1 | 47.9 | 48.4 | 48.9 | 48.9 | 49.1 | 49.2 | 21 |
| | 48.7 | 47.1 | 46.4 | 47.1 | 47.8 | 48.7 | 49.7 | 49.0 | 49.6 | 50.9 | 51.6 | 50.7 | 50.0 | 49.9 | 50.0 | 48.9 | 47.2 | 47.0 | 46.0 | 45.1 | 44.5 | 44.5 | 44.7 | 48.1 | 22 |
| | 46.0 | 46.2 | 46.1 | 46.5 | 47.1 | 47.7 | 47.9 | 48.6 | 50.5 | 50.1 | 50.6 | 50.9 | 51.0 | 51.5 | 52.4 | 49.9 | 49.3 | 48.9 | 48.5 | 47.8 | 47.7 | 47.7 | 47.5 | 48.6 | 23 |
| | 46.6 | 46.8 | 46.6 | 47.0 | 42.8 | 45.0 | 43.5 | 45.2 | 44.0 | 43.9 | 44.6 | 45.9 | 45.1 | 45.6 | 44.8 | 43.8 | 43.8 | 44.4 | 42.0 | 41.6 | 42.0 | 42.7 | 42.3 | 44.5 | 24 |
| | 42.0 | 42.0 | 42.4 | 43.0 | 43.9 | 44.8 | 45.8 | 45.6 | 47.0 | 47.8 | 48.8 | 47.5 | 49.8 | 49.5 | 50.4 | 49.1 | 50.0 | 48.6 | 47.6 | 47.7 | 48.0 | 48.5 | 49.0 | 46.7 | 25 |
| | 50.2 | 50.0 | 49.8 | 49.8 | 50.0 | 50.3 | 50.4 | 46.9 | 47.8 | 47.9 | 48.0 | 50.0 | 50.0 | 49.2 | 50.2 | 48.8 | 48.3 | 47.0 | 46.3 | 45.7 | 45.1 | 44.6 | 44.2 | 48.4 | 26 |
| | 44.1 | 44.0 | 43.9 | 44.2 | 45.1 | 45.9 | 46.9 | 48.0 | 48.0 | 47.5 | 48.5 | 46.8 | 46.3 | 49.6 | 47.1 | 47.6 | 47.0 | 46.5 | 46.5 | 44.9 | 44.9 | 44.1 | 43.9 | 46.1 | 27 |
| | 42.9 | 41.7 | 41.9 | 42.4 | 43.3 | 44.2 | 44.5 | 45.0 | 42.9 | 44.9 | 43.0 | 45.0 | 45.0 | 46.1 | 46.9 | 45.5 | 46.1 | 44.6 | 43.6 | 43.1 | 42.1 | 41.2 | 41.0 | 43.7 | 28 |
| | 39.1 | 39.1 | 38.6 | 39.5 | 41.5 | 45.1 | 44.8 | 45.3 | 47.0 | 45.9 | 49.3 | 49.0 | 48.2 | 49.9 | 50.4 | 48.7 | 47.3 | 47.3 | 47.1 | 46.1 | 44.3 | 44.7 | 44.4 | 45.1 | 29 |
| | 43.8 | 43.4 | 43.9 | 45.1 | 45.8 | 46.5 | 47.1 | 47.8 | 48.2 | 48.3 | 49.1 | 48.8 | 47.3 | 47.4 | 47.7 | 47.2 | 48.0 | 48.3 | 48.2 | 48.1 | 48.1 | 48.9 | 47.0 | | 30 |
| | 47.4 | 47.2 | 47.2 | 47.2 | 47.7 | 48.1 | 48.7 | 49.1 | 49.0 | 49.3 | 50.3 | 50.4 | 50.1 | 50.2 | 48.5 | 47.8 | 48.3 | 48.4 | 49.1 | 47.5 | 46.4 | 45.6 | 46.1 | 46.2 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# GLASGOW OBSERVATORY LAT: 55° 53' N. LONG: 4° 18' W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | NOON | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D |
| 1 | 21 | 5.5 | 21 | 5.5 | 21 | 4 | 21 | 5.5 | 21 | 4 | 21 | 4 | 21 | 3 | 21 | 4.5 | 28 | 8.5 | 20 | 12 | 21 | 10.5 | 19 | 15 | 20 |
| 2 | 18 | 10.5 | 20 | 4.5 | 17 | 5.5 | 18 | 5.5 | 19 | 7.5 | 26 | 10.5 | 24 | 8.5 | 28 | 9.5 | 23 | 12 | 25 | 10.5 | 25 | 14 | 26 | 14 | 26 |
| 3 | 26 | 4 | 26 | 4.5 | 26 | 4.5 | 26 | 4 | 31 | 4.5 | 31 | 4 | 31 | 4.5 | 6 | 8.5 | 6 | 8.5 | 2 | 9.5 | 7 | 11 | 7 | 8.5 | 6 |
| 4 | 4 | 8.5 | 4 | 4.5 | 4 | 6.5 | 32 | 6.5 | 32 | 3 | 32 | 2 | 32 | 3 | 7 | 8.5 | 6 | 9.5 | 7 | 10.5 | 5 | 10.5 | 6 | 8.5 | 5 |
| 5 | 4 | 5.5 | 4 | 2 | 29 | 4.5 | 29 | 2 | 29 | 3 | 29 | 4 | 29 | 4 | 28 | 4.5 | 25 | 4.5 | 25 | 4.5 | 29 | 6.5 | 32 | 6.5 | 32 |
| 6 | 24 | 7.5 | 24 | 5.5 | 24 | 5.5 | 24 | 5.5 | 24 | 5.5 | 24 | 7.5 | 24 | 5.5 | 31 | 5.5 | 3 | 4.5 | 29 | 5.5 | 32 | 5.5 | 6 | 3.5 | 1 |
| 7 | 5 | 7.5 | 5 | 5.5 | 6 | 5.5 | 7 | 5.5 | 7 | 5.5 | 9 | 6.5 | 9 | 3 | 8 | 4 | 4 | 4.5 | 27 | 5.5 | 2 | 5.5 | 26 | 5.5 | 25 |
| 8 | 6 | 4 | 6 | 3 | 6 | 4 | 6 | 3 | 6 | 4 | 6 | 3 | 6 | 3 | 6 | 3 | 30 | 4 | 12 | 4.5 | 7 | 4.5 | 5 | 5.5 | 25 |
| 9 | 6 | 4 | 6 | 4 | 6 | 2 | 6 | 3 | 6 | 1.5 | 6 | 3 | 6 | 2 | 6 | 4 | 18 | 5.5 | 23 | 6.5 | 22 | 5.5 | 28 | 6.5 | 31 |
| 10 | 25 | 6.5 | 26 | 8.5 | 26 | 7.5 | 26 | 6.5 | 26 | 5.5 | 30 | 5.5 | 31 | 5.5 | 3 | 9.5 | 3 | 12 | 4 | 11 | 4 | 17 | 5 | 12 | 7 |
| 11 | 5 | 12 | 6 | 14 | 6 | 10.5 | 5 | 9.5 | 5 | 16 | 4 | 19 | 5 | 22 | 4 | 21 | 5 | 24 | 5 | 20 | 6 | 27 | 6 | 23 | 6 |
| 12 | 5 | 20 | 6 | 18 | 6 | 17 | 6 | 17 | 6 | 16 | 6 | 15 | 6 | 16 | 7 | 16 | 7 | 18 | 7 | 15 | 5 | 20 | 6 | 18 | 6 |
| 13 | 4 | 9.5 | 4 | 10.5 | 4 | 10.5 | 4 | 10.5 | 4 | 9.5 | 4 | 10.5 | 5 | 15 | 5 | 15 | 5 | 14 | 5 | 17 | 7 | 16 | 5 | 16 | 5 |
| 14 | 5 | 10.5 | 5 | 9.5 | 7 | 7.5 | 7 | 6.5 | 7 | 7.5 | 7 | 8.5 | 7 | 9.5 | 6 | 11 | 5 | 15 | 6 | 14 | 5 | 17 | 5 | 19 | 5 |
| 15 | 4 | 19 | 6 | 18 | 6 | 11 | 6 | 12 | 5 | 16 | 5 | 20 | 6 | 15 | 6 | 15 | 6 | 18 | 7 | 19 | 7 | 21 | 7 | 21 | 6 |
| 16 | 6 | 9.5 | 6 | 8.5 | 5 | 13 | 5 | 14 | 6 | 12 | 5 | 11 | 6 | 11 | 7 | 13 | 6 | 13 | 6 | 14 | 6 | 15 | 5 | 17 | 5 |
| 17 | 7 | 7.5 | 7 | 4 | 7 | 3 | 7 | 3 | 7 | 4 | 7 | 3 | 7 | 3 | 7 | 4 | 7 | 4.5 | 7 | 4 | 6 | 5.5 | 6 | 7.5 | 3 |
| 18 | 6 | 10.5 | 6 | 5.5 | 6 | 4 | 6 | 3 | 6 | 1.5 | 6 | 2 | 6 | 3 | 6 | 4.5 | 20 | 11 | 20 | 12 | 23 | 10.5 | 20 | 10.5 | 28 |
| 19 | 23 | 10.5 | 23 | 12 | 23 | 10.5 | 23 | 12 | 22 | 13 | 22 | 11 | 22 | 12 | 23 | 17 | 22 | 17 | 23 | 18 | 22 | 11 | 22 | 18 | 22 |
| 20 | 21 | 13 | 20 | 12 | 22 | 13 | 21 | 8.5 | 21 | 10.5 | 20 | 9.5 | 20 | 10.5 | 25 | 17 | 25 | 19 | 25 | 19 | 26 | 19 | 25 | 20 | 25 |
| 21 | 23 | 13 | 23 | 19 | 23 | 12 | 22 | 18 | 21 | 17 | 22 | 16 | 25 | 17 | 24 | 12 | 23 | 23 | 26 | 23 | 26 | 22 | 25 | 17 | 26 |
| 22 | 20 | 24 | 21 | 23 | 23 | 22 | 22 | 21 | 22 | 18 | 22 | 23 | 22 | 26 | 23 | 24 | 23 | 19 | 26 | 19 | 26 | 21 | 24 | 22 | 26 |
| 23 | 22 | 16 | 21 | 12 | 20 | 15 | 20 | 20 | 20 | 18 | 20 | 18 | 19 | 20 | 20 | 23 | 20 | 24 | 20 | 24 | 19 | 26 | 20 | 26 | 20 |
| 24 | 21 | 12 | 21 | 15 | 21 | 13 | 20 | 13 | 21 | 17 | 23 | 20 | 22 | 21 | 22 | 29 | 23 | 35 | 23 | 36 | 22 | 41 | 23 | 34 | 23 |
| 25 | 20 | 21 | 20 | 19 | 20 | 19 | 20 | 20 | 20 | 19 | 20 | 23 | 20 | 26 | 20 | 25 | 20 | 23 | 20 | 25 | 20 | 27 | 20 | 26 | 20 |
| 26 | 16 | 13 | 16 | 17 | 16 | 20 | 17 | 24 | 17 | 24 | 17 | 26 | 17 | 30 | 21 | 25 | 20 | 26 | 20 | 23 | 20 | 23 | 20 | 23 | 20 |
| 27 | 20 | 7.5 | 20 | 5.5 | 20 | 2 | 20 | 4 | 20 | 4 | 20 | 2 | 20 | 4.5 | 21 | 7.5 | 23 | 6.5 | 22 | 6.5 | 22 | 7.5 | 22 | 13 | 26 |
| 28 | 21 | 12 | 21 | 9.5 | 21 | 9.5 | 22 | 11 | 22 | 8.5 | 22 | 13 | 23 | 17 | 23 | 20 | 24 | 15 | 26 | 21 | 23 | 21 | 22 | 19 | 24 |
| 29 | 25 | 14 | 25 | 6.5 | 24 | 6.5 | 24 | 5.5 | 24 | 4 | 24 | 6.5 | 23 | 8.5 | 24 | 7.5 | 24 | 10.5 | 26 | 11 | 23 | 8.5 | 22 | 10.5 | 22 |
| 30 | 18 | 6.5 | 13 | 8.5 | 16 | 10.5 | 16 | 13 | 14 | 14 | 14 | 11 | 15 | 15 | 16 | 12 | 16 | 13 | 15 | 12 | 15 | 17 | 15 | 15 | 16 |
| 31 | 14 | 14 | 12 | 8.5 | 12 | 11 | 12 | 9.5 | 12 | 8.5 | 11 | 7.5 | 7 | 9.5 | 7 | 12 | 9 | 13 | 9 | 13 | 5 | 14 | 6 | 10.5 | 6 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | . | . | . | . | . | . | . | . | .084 | .048 | .001 | . | . | .020 | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | .003 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | .004 | .027 | .028 | .001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | .003 | .026 | .001 | . | . | .001 | .001 | .001 | .002 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | .017 | .028 | .016 | .009 | .005 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | .004 | .116 | .028 | .003 | .001 | .020 | .010 | .018 | . | . | . | .005 | .007 | .010 | .027 | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | .001 | .001 | .001 | . | . | . | . | . | . | . | .002 | .003 |
| 26 | .001 | .013 | .007 | .016 | .032 | .004 | .006 | .005 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .008 | . | . | .002 | . | . | . | . |
| 28 | . | .010 | .008 | . | .001 | .001 | . | . | .002 | .008 | .004 | . | . | .001 | .001 | .001 | . | . | . | . | . | . | . | . |
| 29 | .001 | .001 | . | . | . | .002 | .001 | .001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | .003 | .009 | .007 | . | .002 | .019 | . | . | .010 | .030 | .009 | .003 | .004 | .024 |
| 31 | .020 | .018 | .002 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximate

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | |
| 14 | 21 | 15 | 19 | 17 | 20 | 18 | 20 | 15 | 20 | 6.5 | 18 | 8.5 | 18 | 6.5 | 17 | 6.5 | 16 | 4 | 18 | 6.5 | 1 |
| 14 | 26 | 14 | 26 | 18 | 26 | 16 | 24 | 15 | 27 | 14 | 26 | 10.5 | 25 | 9.5 | 26 | 6.5 | 26 | 4.5 | 26 | 5.5 | 2 |
| 13 | 8 | 15 | 5 | 16 | 6 | 15 | 6 | 11 | 6 | 10.5 | 5 | 6.5 | 5 | 5.5 | 3 | 8.5 | 6 | 12 | 6 | 7.5 | 3 |
| 5.5 | 6 | 4 | 7 | 4.5 | 19 | 6.5 | 18 | 4.5 | 20 | 5.5 | 29 | 5.5 | 5 | 12 | 5 | 12 | 5 | 12 | 5 | 7.5 | 4 |
| 5.5 | 25 | 4.5 | 25 | 6.5 | 24 | 10.5 | 25 | 13 | 26 | 13 | 24 | 10.5 | 25 | 8.5 | 24 | 7.5 | 24 | 5.5 | 24 | 6.5 | 5 |
| 11 | 6 | 9.5 | 2 | 12 | 8 | 13 | 6 | 9.5 | 6 | 10.5 | 5 | 12 | 5 | 12 | 5 | 11 | 6 | 9.5 | 5 | 9.5 | 6 |
| 4.5 | 7 | 4.5 | 4 | 8.5 | 5 | 8.5 | 5 | 12 | 5 | 12 | 5 | 11 | 5 | 6.5 | 5 | 6.5 | 6 | 5.5 | 6 | 6.5 | 7 |
| 6.5 | 26 | 7.5 | 5 | 11 | 5 | 16 | 6 | 15 | 7 | 16 | 8 | 12 | 6 | 8.5 | 6 | 6.5 | 6 | 7.5 | 6 | 6.5 | 8 |
| 6.5 | 26 | 9.5 | 25 | 10.5 | 26 | 9.5 | 27 | 5.5 | 21 | 9.5 | 24 | 10.5 | 26 | 10.5 | 25 | 10.5 | 25 | 10.5 | 26 | 9.5 | 9 |
| 14 | 6 | 12 | 7 | 17 | 6 | 13 | 8 | 14 | 7 | 14 | 6 | 13 | 5 | 9.5 | 6 | 17 | 5 | 20 | 5 | 16 | 10 |
| 26 | 6 | 25 | 6 | 27 | 6 | 23 | 6 | 24 | 5 | 21 | 5 | 20 | 7 | 10 | 6 | 19 | 7 | 18 | 6 | 14 | 11 |
| 17 | 5 | 14 | 6 | 15 | 6 | 17 | 6 | 14 | 8 | 16 | 7 | 11 | 8 | 7.5 | 7 | 8.5 | 6 | 9.5 | 5 | 11 | 12 |
| 16 | 6 | 15 | 7 | 14 | 7 | 16 | 6 | 16 | 6 | 14 | 5 | 14 | 5 | 12 | 5 | 14 | 5 | 12 | 5 | 11 | 13 |
| 17 | 8 | 17 | 6 | 15 | 5 | 17 | 7 | 19 | 6 | 17 | 6 | 12 | 5 | 10.5 | 5 | 12 | 5 | 13 | 5 | 13 | 14 |
| 17 | 7 | 16 | 6 | 18 | 7 | 18 | 6 | 20 | 7 | 16 | 7 | 12 | 6 | 9.5 | 6 | 10.5 | 6 | 8.5 | 6 | 8.5 | 15 |
| 14 | 5 | 15 | 6 | 11 | 7 | 13 | 6 | 12 | 5 | 15 | 5 | 10.5 | 6 | 12 | 5 | 9.5 | 8 | 6.5 | 8 | 6.5 | 16 |
| 7.5 | 4 | 6.5 | 9 | 10.5 | 7 | 10.5 | 7 | 12 | 7 | 15 | 6 | 11 | 5 | 12 | 5 | 11 | 6 | 11 | 6 | 8.5 | 17 |
| 12 | 26 | 12 | 24 | 10.5 | 24 | 10.5 | 25 | 12 | 26 | 13 | 24 | 7.5 | 24 | 7.5 | 26 | 7.5 | 25 | 6.5 | 25 | 8.5 | 18 |
| 18 | 23 | 16 | 25 | 16 | 25 | 15 | 24 | 17 | 25 | 23 | 25 | 13 | 23 | 14 | 19 | 11 | 22 | 15 | 21 | 13 | 19 |
| 26 | 26 | 23 | 25 | 23 | 24 | 22 | 26 | 20 | 25 | 17 | 25 | 11 | 25 | 9.5 | 24 | 9.5 | 21 | 10.5 | 24 | 14 | 20 |
| 22 | 23 | 20 | 23 | 21 | 23 | 20 | 22 | 16 | 20 | 14 | 21 | 11 | 19 | 11 | 20 | 12 | 19 | 16 | 20 | 13 | 21 |
| 25 | 25 | 25 | 26 | 21 | 27 | 19 | 26 | 19 | 25 | 16 | 24 | 13 | 24 | 15 | 24 | 12 | 21 | 6.5 | 25 | 6.5 | 22 |
| 21 | 21 | 20 | 21 | 28 | 22 | 37 | 21 | 23 | 22 | 23 | 22 | 17 | 22 | 19 | 20 | 15 | 20 | 17 | 20 | 14 | 23 |
| 37 | 23 | 37 | 22 | 31 | 22 | 27 | 23 | 32 | 23 | 26 | 22 | 22 | 20 | 15 | 20 | 15 | 20 | 18 | 21 | 20 | 24 |
| 23 | 20 | 20 | 21 | 19 | 20 | 17 | 19 | 20 | 17 | 17 | 16 | 14 | 15 | 15 | 16 | 15 | 16 | 17 | 15 | 14 | 25 |
| 26 | 20 | 24 | 20 | 24 | 21 | 17 | 22 | 19 | 22 | 18 | 22 | 15 | 21 | 11 | 21 | 11 | 21 | 9.5 | 21 | 8.5 | 26 |
| 12 | 26 | 16 | 25 | 19 | 22 | 15 | 23 | 14 | 22 | 15 | 22 | 14 | 22 | 11 | 22 | 13 | 22 | 12 | 22 | 10.5 | 27 |
| 20 | 23 | 21 | 23 | 21 | 23 | 21 | 23 | 18 | 22 | 24 | 23 | 14 | 24 | 17 | 24 | 12 | 23 | 8.5 | 18 | 6.5 | 28 |
| 16 | 19 | 15 | 20 | 13 | 20 | 14 | 21 | 11 | 19 | 8.5 | 21 | 5.5 | 17 | 7.5 | 17 | 6.5 | 19 | 5.5 | 19 | 3 | 29 |
| 19 | 16 | 21 | 16 | 21 | 15 | 20 | 15 | 19 | 15 | 14 | 15 | 11 | 15 | 14 | 14 | 11 | 15 | 13 | 15 | 12 | 30 |
| 15 | 6 | 12 | 9 | 15 | 10 | 13 | 9 | 12 | 9 | 11 | 6 | 15 | 5 | 14 | 6 | 14 | 6 | 10.5 | 6 | 11 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .216 | .223 | .236 | .236 | .246 | .264 | .278 | .272 | .265 | .261 | .272 | .256 | .259 | .271 | .281 | .271 | .279 | .286 | .273 | .248 | .243 | .243 | .241 | 1 |
| .252 | .256 | .259 | .280 | .280 | .257 | .257 | .261 | .248 | .262 | .241 | .252 | .249 | .246 | .247 | .243 | .222 | .204 | .208 | .212 | .196 | .200 | .206 | 2 |
| .210 | .207 | .204 | .190 | .187 | .199 | .186 | .198 | .201 | .207 | .202 | .215 | .220 | .225 | .222 | .224 | .232 | .238 | .243 | .235 | .220 | .221 | .217 | 3 |
| .212 | .203 | .197 | .196 | .204 | .220 | .217 | .216 | .206 | .216 | .220 | .226 | .232 | .229 | .230 | .252 | .247 | .245 | .244 | .241 | .224 | .221 | .219 | 4 |
| .212 | .213 | .206 | .201 | .216 | .232 | .235 | .239 | .256 | .242 | .250 | .270 | .289 | .303 | .310 | .299 | .300 | .305 | .303 | .297 | .281 | .266 | .257 | 5 |
| .230 | .229 | .225 | .218 | .232 | .243 | .224 | .236 | .225 | .224 | .211 | .231 | .220 | .227 | .219 | .233 | .219 | .230 | .215 | .201 | .202 | .196 | .196 | 6 |
| .203 | .191 | .179 | .175 | .167 | .179 | .179 | .171 | .173 | .164 | .187 | .190 | .185 | .185 | .189 | .189 | .183 | .188 | .187 | .183 | .189 | .184 | .187 | 7 |
| .192 | .185 | .192 | .179 | .189 | .203 | .200 | .197 | .183 | .188 | .198 | .202 | .213 | .216 | .213 | .230 | .225 | .213 | .202 | .198 | .196 | .197 | .190 | 8 |
| .189 | .186 | .185 | .186 | .196 | .207 | .222 | .218 | .224 | .259 | .242 | .277 | .275 | .266 | .278 | .279 | .275 | .291 | .282 | .276 | .269 | .273 | .272 | 9 |
| .271 | .281 | .288 | .292 | .282 | .271 | .271 | .245 | .242 | .250 | .250 | .278 | .297 | .324 | .310 | .278 | .280 | .291 | .274 | .275 | .258 | .239 | .223 | 10 |
| .196 | .190 | .186 | .181 | .180 | .194 | .202 | .231 | .241 | .237 | .248 | .250 | .201 | .205 | .205 | .230 | .223 | .225 | .225 | .222 | .224 | .226 | .219 | 11 |
| .217 | .230 | .227 | .221 | .218 | .210 | .209 | .209 | .218 | .195 | .203 | .210 | .214 | .209 | .212 | .210 | .204 | .211 | .201 | .206 | .213 | .208 | .210 | 12 |
| .228 | .238 | .241 | .240 | .253 | .273 | .259 | .250 | .257 | .232 | .238 | .212 | .215 | .220 | .214 | .219 | .217 | .217 | .217 | .231 | .247 | .260 | .261 | 13 |
| .259 | .252 | .235 | .221 | .222 | .233 | .242 | .242 | .231 | .229 | .230 | .238 | .240 | .239 | .233 | .247 | .236 | .242 | .239 | .246 | .239 | .247 | .239 | 14 |
| .244 | .238 | .236 | .240 | .235 | .242 | .243 | .237 | .238 | .238 | .230 | .242 | .250 | .241 | .247 | .248 | .236 | .236 | .237 | .232 | .240 | .236 | .236 | 15 |
| .231 | .252 | .253 | .250 | .253 | .244 | .247 | .232 | .245 | .241 | .243 | .248 | .249 | .257 | .252 | .252 | .256 | .247 | .256 | .248 | .241 | .240 | .242 | 16 |
| .234 | .236 | .229 | .233 | .236 | .259 | .268 | .283 | .264 | .283 | .277 | .261 | .265 | .259 | .261 | .255 | .243 | .240 | .249 | .251 | .244 | .242 | .244 | 17 |
| .243 | .245 | .246 | .257 | .247 | .247 | .269 | .259 | .260 | .298 | .299 | .299 | .273 | .287 | .273 | .267 | .267 | .293 | .306 | .305 | .303 | .310 | .301 | 18 |
| .295 | .289 | .289 | .286 | .302 | .319 | .328 | .344 | .354 | .358 | .362 | .389 | .389 | .411 | .401 | .357 | .377 | .358 | .359 | .346 | .339 | .326 | .312 | 19 |
| .309 | .339 | .338 | .350 | .353 | .357 | .362 | .365 | .356 | .360 | .360 | .365 | .353 | .375 | .374 | .358 | .362 | .364 | .363 | .358 | .358 | .340 | .297 | 20 |
| .301 | .326 | .329 | .340 | .350 | .346 | .317 | .323 | .299 | .299 | .276 | .275 | .281 | .299 | .278 | .283 | .286 | .285 | .293 | .319 | .332 | .331 | .326 | 21 |
| .324 | .298 | .285 | .292 | .308 | .320 | .327 | .300 | .307 | .315 | .309 | .295 | .275 | .279 | .278 | .266 | .252 | .264 | .263 | .263 | .261 | .266 | .266 | 22 |
| .284 | .290 | .290 | .298 | .308 | .317 | .320 | .324 | .339 | .341 | .357 | .350 | .341 | .361 | .357 | .306 | .306 | .307 | .311 | .295 | .300 | .302 | .304 | 23 |
| .309 | .307 | .305 | .308 | .260 | .274 | .248 | .244 | .224 | .215 | .225 | .244 | .230 | .232 | .225 | .249 | .218 | .239 | .215 | .220 | .231 | .241 | .234 | 24 |
| .235 | .234 | .243 | .246 | .255 | .260 | .271 | .266 | .274 | .276 | .284 | .298 | .292 | .267 | .288 | .283 | .301 | .278 | .270 | .282 | .292 | .313 | .324 | 25 |
| .345 | .338 | .344 | .344 | .342 | .336 | .350 | .297 | .303 | .296 | .286 | .303 | .298 | .261 | .272 | .275 | .266 | .261 | .257 | .256 | .247 | .248 | .247 | 26 |
| .259 | .255 | .262 | .262 | .270 | .274 | .276 | .278 | .266 | .259 | .265 | .262 | .260 | .275 | .238 | .258 | .253 | .262 | .271 | .260 | .271 | .260 | .266 | 27 |
| .263 | .242 | .241 | .245 | .250 | .249 | .247 | .287 | .252 | .261 | .231 | .235 | .236 | .258 | .263 | .250 | .250 | .248 | .253 | .244 | .236 | .232 | .238 | 28 |
| .216 | .215 | .218 | .223 | .234 | .268 | .242 | .243 | .245 | .229 | .270 | .274 | .265 | .271 | .273 | .253 | .246 | .256 | .265 | .270 | .247 | .257 | .249 | 29 |
| .237 | .238 | .251 | .265 | .269 | .272 | .278 | .283 | .284 | .294 | .326 | .313 | .293 | .305 | .312 | .301 | .304 | .320 | .324 | .319 | .320 | .317 | .322 | 30 |
| .309 | .304 | .310 | .304 | .302 | .313 | .315 | .311 | .308 | .313 | .333 | .327 | .324 | .331 | .292 | .279 | .272 | .276 | .321 | .303 | .296 | .291 | .297 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H SCOTT Secretary.

# ABERDEEN OBSERVATORY LAT: 57° 10′ N. LONG: 2° 6′

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.176 | 30.157 | 30.134 | 30.120 | 30.119 | 30.113 | 30.102 | 30.091 | 30.064 | 30.052 | 30.022 | 29.998 | 29. |
| 2 | 29.767 | 29.748 | 29.738 | 29.736 | 29.735 | 29.735 | 29.738 | 29.748 | 29.743 | 29.739 | 29.718 | .713 | |
| 3 | .762 | .757 | .755 | .755 | 29.760 | 29.762 | 29.765 | 29.775 | 29.785 | 29.792 | 29.806 | 29.816 | 29. |
| 4 | 29.975 | 29.981 | 29.988 | 29.996 | 30.016 | 30.033 | 30.043 | 30.058 | 30.058 | 30.060 | 30.066 | 30.059 | 30. |
| 5 | 30.016 | 30.040 | 30.036 | 30.029 | 30.029 | 30.037 | 30.042 | 30.039 | .042 | .039 | .040 | .034 | |
| 6 | .021 | .010 | .000 | 29.995 | 29.996 | 29.995 | 29.988 | 29.991 | .001 | .011 | .014 | .021 | |
| 7 | 30.063 | 30.055 | 30.052 | 30.049 | 30.046 | 30.047 | 30.047 | 30.046 | .042 | .038 | .033 | .033 | |
| 8 | 29.995 | 29.992 | 29.991 | 29.997 | .010 | .025 | .041 | .054 | .067 | .076 | .093 | .108 | |
| 9 | 30.260 | 30.261 | 30.262 | 30.263 | .264 | .266 | .270 | .272 | .273 | .263 | .260 | .260 | |
| 10 | .111 | .094 | .082 | .082 | .075 | .083 | .085 | .093 | .092 | .093 | .099 | .106 | |
| 11 | .148 | .137 | .126 | .118 | .119 | .132 | .141 | .154 | .162 | .171 | .174 | .174 | |
| 12 | .206 | .201 | .207 | .205 | .205 | .207 | .218 | .221 | .228 | .231 | .232 | .236 | |
| 13 | .250 | .244 | .242 | .242 | .249 | .254 | .267 | .279 | .286 | .296 | .294 | .292 | |
| 14 | .278 | .270 | .264 | .260 | .265 | .269 | .273 | .278 | .272 | .273 | .276 | .275 | |
| 15 | .298 | .299 | .300 | .298 | .297 | .300 | .310 | .314 | .320 | .307 | .309 | .312 | |
| 16 | .276 | .269 | .267 | .262 | .268 | .263 | .265 | .267 | .270 | .272 | .270 | .268 | |
| 17 | .245 | .241 | .236 | .239 | .247 | .249 | .249 | .253 | .253 | .258 | .264 | .265 | |
| 18 | .278 | .265 | .263 | 30.254 | 30.268 | 30.262 | 30.258 | 30.255 | 30.252 | 30.245 | 30.240 | 30.235 | 30. |
| 19 | 30.072 | 30.049 | 30.025 | 29.991 | 29.971 | 29.961 | 29.952 | 29.947 | 29.952 | 29.955 | 29.951 | 29.958 | 29. |
| 20 | 29.987 | 29.993 | 29.996 | 30.007 | 30.030 | 30.048 | 30.066 | 30.087 | 30.096 | 30.116 | 30.126 | 30.129 | 30. |
| 21 | 30.006 | .988 | .975 | 29.970 | 29.973 | 29.980 | 29.977 | 29.970 | 29.963 | 29.960 | 29.956 | 29.941 | 29. |
| 22 | 29.598 | .553 | .496 | .478 | .454 | .453 | .442 | .434 | .444 | .449 | .479 | .511 | |
| 23 | .592 | .564 | .544 | .528 | .507 | .492 | .468 | .456 | .429 | .396 | .378 | 354 | |
| 24 | .256 | .243 | .236 | .233 | .219 | .210 | .204 | .194 | .192 | .229 | .243 | .277 | |
| 25 | .594 | .598 | .605 | .613 | .622 | .627 | .645 | .661 | .668 | .668 | .686 | .685 | |
| 26 | .639 | .620 | .580 | .523 | .525 | .506 | .496 | .473 | .462 | .483 | .483 | .493 | |
| 27 | .701 | .693 | .678 | .678 | .695 | .692 | .691 | .692 | .695 | .681 | .685 | .685 | |
| 28 | 29.778 | 29.787 | 29.789 | 29.801 | 29.807 | 29.819 | 29.838 | 29.851 | 29.858 | 29.864 | 29.891 | 29.890 | 29. |
| 29 | 30.105 | 30.130 | 30.148 | 30.175 | 30.196 | 30.221 | 30.241 | 30.265 | 30.278 | 30.286 | 30.289 | 30.294 | 30. |
| 30 | 30.199 | 30.179 | 30.172 | 30.155 | .140 | .132 | .119 | .115 | .098 | .083 | .069 | .050 | |
| 31 | 29.996 | 29.996 | 29.995 | 29.999 | 30.009 | 30.023 | 30.041 | 30.049 | 30.065 | 30.083 | 30.103 | 30.123 | 30. |

## DRY BULB THERMOMETER 41 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 47.6 | 45.6 | 45.0 | 43.7 | 43.7 | 45.1 | 48.8 | 50.7 | 49.7 | 51.0 | 52.5 | 52.4 | 52.2 | 53.8 | 52.9 | 55.6 | 54.7 | 52.0 | 50.0 | 48.4 | 46.8 | 46.7 | 46.5 | 46.4 |
| 2 | 46.3 | 45.7 | 45.8 | 44.4 | 44.9 | 46.8 | 48.6 | 50.8 | 53.0 | 56.0 | 57.3 | 59.3 | 58.1 | 58.3 | 57.1 | 55.8 | 52.0 | 51.1 | 49.1 | 47.7 | 46.9 | 46.6 | 46.1 | 46.4 |
| 3 | 46.0 | 45.0 | 43.9 | 43.1 | 42.7 | 42.5 | 43.4 | 44.7 | 46.0 | 46.7 | 46.6 | 46.0 | 45.2 | 46.4 | 45.6 | 45.1 | 45.0 | 45.3 | 45.0 | 44.0 | 43.0 | 43.6 | 42.7 | 42.7 |
| 4 | 41.6 | 41.0 | 40.0 | 40.5 | 42.0 | 42.5 | 45.5 | 45.0 | 46.4 | 47.6 | 48.6 | 48.9 | 47.0 | 46.5 | 46.6 | 47.0 | 46.7 | 46.6 | 45.8 | 44.1 | 43.0 | 41.5 | 38.0 | 37.0 |
| 5 | 36.4 | 35.7 | 36.0 | 36.3 | 36.7 | 38.5 | 42.1 | 46.5 | 46.9 | 49.4 | 51.7 | 49.6 | 51.3 | 50.4 | 51 | 46 | 60.9 | 50.2 | 49.0 | 48.8 | 48.3 | 48.5 | 47.3 | 46.3 | 44.0 |
| 6 | 44.4 | 43.7 | 43.8 | 43.7 | 44.7 | 45.0 | 46.6 | 46.6 | 43.8 | 44.3 | 47.0 | 48.1 | 47.3 | 48.0 | 47.7 | 46.7 | 47.1 | 45.6 | 46.0 | 43.2 | 42.3 | 41.7 | 40.4 | 41.1 |
| 7 | 40.3 | 39.8 | 39.6 | 38.4 | 37.3 | 37.6 | 39.8 | 42.1 | 42.9 | 42.9 | 44.0 | 44.4 | 44.9 | 45.4 | 45.0 | 45.5 | 45.7 | 47.0 | 45.7 | 43.9 | 42.0 | 41.7 | 42.3 | 41.7 |
| 8 | 42.0 | 42.1 | 41.7 | 41.1 | 40.0 | 41.0 | 41.4 | 43.4 | 43.8 | 46.0 | 44.7 | 44.7 | 46.0 | 46.5 | 46.4 | 45.5 | 45.7 | 45.2 | 44.5 | 44.0 | 42.9 | 41.7 | 41.4 | 41.3 |
| 9 | 37.7 | 37.0 | 36.6 | 36.3 | 36.6 | 39.2 | 41.6 | 43.7 | 46.0 | 49.7 | 50.1 | 51.2 | 52.4 | 52.4 | 53.7 | 53.7 | 58.3 | 53.5 | 52.6 | 51.7 | 49.8 | 48.0 | 47.5 | 47.2 |
| 10 | 46.8 | 46.6 | 45.9 | 45.5 | 46.1 | 46.0 | 47.0 | 48.0 | 48.6 | 48.4 | 46.7 | 46.5 | 46.6 | 47.4 | 47.1 | 45.8 | 45.4 | 44.4 | 44.6 | 43.6 | 43.2 | 42.7 | 42.3 | 42.1 |
| 11 | 42.2 | 42.0 | 42.3 | 43.0 | 43.0 | 42.2 | 43.6 | 44.6 | 45.6 | 47.0 | 47.3 | 48.4 | 48.2 | 47.7 | 48.4 | 48.0 | 47.0 | 46.0 | 45.2 | 44.4 | 44.2 | 44.2 | 43.0 | 43.1 |
| 12 | 43.3 | 42.7 | 43.2 | 43.5 | 43.5 | 43.7 | 45.6 | 46.0 | 46.4 | 47.5 | 47.6 | 47.5 | 47.4 | 48.4 | 48.0 | 47.5 | 48.0 | 47.3 | 46.7 | 46.4 | 46.3 | 46.2 | 46.1 | 46.0 |
| 13 | 46.0 | 45.7 | 45.4 | 45.3 | 45.0 | 46.5 | 47.7 | 47.3 | 47.6 | 48.0 | 48.0 | 48.0 | 47.8 | 48.0 | 48.0 | 48.3 | 47.6 | 47.4 | 47.3 | 46.4 | 45.7 | 45.3 | 43.0 | 42.8 |
| 14 | 40.0 | 38.7 | 35.7 | 34.9 | 37.1 | 38.7 | 43.0 | 48.5 | 48.4 | 48.4 | 49.0 | 48.7 | 47.9 | 47.9 | 48.7 | 48.6 | 49.2 | 48.8 | 47.4 | 46.3 | 45.8 | 45.9 | 46.3 | 46.3 |
| 15 | 46.0 | 45.9 | 46.0 | 46.0 | 46.0 | 46.8 | 47.4 | 47.8 | 48.0 | 48.6 | 49.0 | 47.9 | * | 48.7 | 49.0 | 48.0 | 49.0 | 48.7 | 48.1 | 47.7 | 45.9 | 45.0 | 43.9 | 43.0 |
| 16 | 43.9 | 44.3 | 45.7 | 45.8 | 45.8 | 46.4 | 46.7 | 46.5 | 46.9 | 46.7 | 47.3 | 47.5 | 47.8 | 48.7 | 48.6 | 48.0 | 49.3 | 48.9 | 47.6 | 46.7 | 45.9 | 45.7 | 44.5 | 42.6 |
| 17 | 41.6 | 39.4 | 39.0 | 38.6 | 40.9 | 44.9 | 48.9 | 51.4 | 52.6 | 49.0 | 49.9 | 50.5 | 51.6 | 50.4 | 49.5 | 49.2 | 49.9 | 49.0 | 48.9 | 48.0 | 46.1 | 44.4 | 42.9 | 41.3 |
| 18 | 40.4 | 39.1 | 39.4 | 39.9 | 41.6 | 42.7 | 45.7 | 48.2 | 46.0 | 46.5 | 48.9 | 48.7 | 49.0 | 50.0 | 49.5 | 50.7 | 50.3 | 51.1 | 48.6 | 48.2 | 47.6 | 47.3 | 47.6 | 47.7 |
| 19 | 47.7 | 47.4 | 47.8 | 47.6 | 47.9 | 49.6 | * | * | 56.0 | 53.7 | 58.4 | 57.9 | 58.3 | 60.4 | 63.8 | 64.4 | 64.7 | 56.9 | 59.4 | 56.5 | 60.5 | 58.1 | 56.1 | 56.4 |
| 20 | 56.8 | 56.3 | 53.1 | 54.0 | 53.7 | 53.6 | 53.3 | 52.9 | 53.8 | 53.9 | 55.4 | 57.2 | 58.5 | 59.2 | 59.8 | 61.1 | 62.4 | 56.6 | 53.9 | 51.5 | 50.2 | 49.8 | 50.4 | 50.3 |
| 21 | 50.6 | 49.8 | 50.8 | 54.1 | 54.2 | 55.0 | 56.1 | 58.1 | 57.3 | 57.4 | 59.2 | 59.8 | 59.5 | 60.4 | 59.6 | 60.0 | 59.5 | 55.7 | 55.5 | 54.1 | 51.0 | 49.8 | 49.0 | 49.5 |
| 22 | 51.1 | 51.5 | 50.0 | 48.9 | 49.1 | 50.9 | 52.6 | 52.1 | 52.0 | 53.4 | 51.1 | 51.1 | 52.5 | 50.2 | 52.2 | 52.2 | * | * | 51.8 | 51.1 | 49.0 | 48.1 | 46.9 | 46.5 |
| 23 | 46.8 | 47.3 | 46.9 | 46.1 | 46.4 | 46.8 | 47.8 | 48.4 | 51.5 | 54.8 | 56.6 | 58.5 | 60.2 | 59.3 | 59.0 | 58.8 | 59.1 | 58.1 | 57.6 | 57.2 | 54.7 | 51.8 | 51.3 | 51.2 |
| 24 | 51.0 | 50.2 | 49.6 | 48.5 | 48.3 | 51.8 | 51.4 | 51.3 | 54.9 | 52.3 | 52.8 | 54.0 | 52.8 | 52.5 | 53.4 | 52.2 | 52.9 | 52.6 | 51.5 | 48.1 | 45.2 | 44.0 | 43.7 | 42.9 |
| 25 | 42.8 | 42.3 | 42.9 | 42.6 | 45.7 | 47.6 | 48.4 | 49.6 | 51.8 | 54.3 | 55.2 | 55.8 | 57.8 | 58.8 | 58.9 | 59.7 | 59.8 | 59.0 | 56.8 | 55.0 | 53.3 | 52.1 | 52.3 | 50.2 |
| 26 | 49.7 | 49.2 | 49.2 | 49.5 | 49.6 | 50.8 | 51.1 | 52.2 | 54.1 | 56.3 | 59.0 | 58.5 | 59.6 | 60.8 | 61.4 | 60.7 | 60.0 | 59.2 | 57.8 | 55.3 | 53.5 | 51.3 | 48.9 | 48.4 |
| 27 | 48.5 | 47.7 | 47.2 | 47.0 | 47.4 | 48.2 | 49.5 | 51.1 | 52.7 | 52.4 | 52.8 | 53.2 | 53.8 | 55.8 | 54.5 | 54.8 | 53.8 | 51.3 | 50.4 | 46.6 | 47.1 | 46.4 | 46.2 | 46.3 |
| 28 | 43.8 | 44.0 | 41.8 | 41.1 | 46.2 | 47.6 | 49.2 | 51.8 | 52.8 | 53.5 | 50.9 | 46.9 | 46.9 | 47.2 | 44.5 | 46.3 | 47.8 | 46.6 | 46.9 | 45.9 | 43.8 | 42.7 | 41.4 | 41.7 |
| 29 | 42.4 | 42.8 | 42.4 | 42.1 | 43.4 | 47.2 | 47.8 | 47.5 | 48.4 | 51.0 | 51.5 | 49.0 | 49.2 | 49.2 | 51.2 | 48.7 | 49.6 | 47.6 | 47.4 | 46.6 | 45.8 | 45.4 | 46.1 | 46.2 |
| 30 | 46.8 | 46.8 | 45.9 | 45.6 | 48.2 | 51.1 | 52.8 | 53.2 | 53.9 | 55.2 | 53.5 | 54.8 | 55.4 | 54.8 | 53.4 | 52.4 | 52.6 | 51.3 | 50.8 | 50.5 | 49.8 | 50.0 | 49.8 | 48.4 |
| 31 | 48.6 | 48.2 | 48.3 | 47.9 | 48.5 | 48.7 | 49.0 | 50.1 | 50.3 | 50.8 | 51.9 | 51.8 | 52.2 | 52.8 | 52.8 | 52.5 | 50.4 | 49.5 | 49.1 | 48.2 | 46.8 | 47.0 | 46.2 | 45.4 |

*Record defective or [illegible] out of action †Reading of Standard ‡Approximate

# HOURLY VALUES MAY 1880.

## CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .37 | 29.912 | 29.874 | 29.853 | 29.838 | 29.835 | 29.828 | 29.818 | 29.805 | 29.793 | 29.779 | 29.974 | 1 |
| 05 | .707 | .725 | .738 | .741 | .758 | .773 | .779 | .782 | .774 | .768 | 29.742 | 2 |
| .25 | 29.830 | 29.841 | 29.855 | 29.872 | 29.893 | 29.919 | 29.938 | 29.953 | 29.971 | 29.978 | 29.833 | 3 |
| .43 | 30.044 | 30.045 | 30.039 | 30.042 | 30.042 | 30.048 | 30.059 | 30.066 | 30.059 | 30.061 | 30.039 | 4 |
| .32 | .024 | .025 | .026 | .030 | .033 | .036 | .037 | .040 | .033 | .021 | 30.034 | 5 |
| 34 | .034 | .031 | .034 | .041 | .054 | .062 | .066 | .066 | .068 | .065 | 30.026 | 6 |
| 16 | .016 | .009 | .009 | .008 | .006 | .008 | .011 | .006 | .002 | .002 | 30.028 | 7 |
| 30 | .140 | .147 | .159 | .167 | .187 | .206 | .219 | .238 | .250 | .251 | 30.111 | 8 |
| 37 | .222 | .211 | .196 | .179 | .168 | .164 | .165 | .155 | .148 | .127 | 30.225 | 9 |
| 95 | .105 | .106 | .107 | .122 | .135 | .147 | .151 | .159 | .159 | .152 | 30.110 | 10 |
| 80 | .178 | .181 | .176 | .188 | .195 | .210 | .213 | .207 | .211 | .210 | 30.190 | 11 |
| .29 | .226 | .222 | .223 | .228 | .236 | .242 | .242 | .248 | .248 | .249 | 30.226 | 12 |
| .89 | .286 | .287 | .283 | .282 | .284 | .291 | .304 | .299 | .298 | .289 | 30.279 | 13 |
| 75 | .265 | .267 | .268 | .271 | .275 | .284 | .290 | .300 | .309 | .306 | 30.276 | 14 |
| 03 | .295 | .289 | .288 | .279 | .283 | .289 | .291 | .286 | .284 | .282 | 30.298 | 15 |
| 63 | .252 | .249 | .249 | .246 | .249 | .251 | .256 | .259 | .256 | .248 | 30.261 | 16 |
| 65 | .265 | .267 | .263 | .270 | .274 | .285 | .290 | .292 | .285 | .282 | 30.263 | 17 |
| 19 | 30.205 | 30.210 | 30.191 | 30.185 | 30.181 | 30.171 | 30.166 | 30.145 | 30.122 | 30.110 | 30.217 | 18 |
| 56 | 29.940 | 29.945 | 29.949 | 29.955 | 29.956 | 29.970 | 29.971 | 29.992 | 29.992 | 29.983 | 29.973 | 19 |
| 27 | 30.118 | 30.108 | 30.102 | 30.131 | 30.130 | 30.121 | 30.109 | 30.098 | 30.063 | 30.045 | 30.082 | 20 |
| 718 | 29.894 | 29.871 | 29.858 | 29.841 | 29.828 | 29.809 | 29.777 | 29.741 | 29.689 | 29.654 | 29.895 | 21 |
| 532 | .553 | .561 | .569 | .583 | .599 | .611 | .619 | .622 | .612 | .604 | 29.532 | 22 |
| 316 | .294 | .271 | .256 | .257 | .253 | .264 | .270 | .275 | .279 | .268 | 29.377 | 23 |
| 362 | .385 | .412 | .448 | .470 | .498 | .535 | .548 | .562 | .577 | .585 | 29.352 | 24 |
| 691 | .690 | .696 | .713 | .720 | .729 | .729 | .733 | .723 | .703 | .680 | 29.673 | 25 |
| 515 | .533 | .544 | .553 | .570 | .590 | .621 | .633 | .658 | .673 | .685 | 29.557 | 26 |
| 678 | .674 | .670 | .670 | .695 | .696 | .728 | 29.722 | 29.747 | 29.757 | 29.768 | 29.698 | 27 |
| 732 | 29.938 | 29.946 | 29.936 | 29.971 | 29.982 | 29.993 | 30.025 | 30.048 | 30.065 | 30.085 | 29.908 | 28 |
| 290 | 30.276 | 30.272 | 30.267 | 30.262 | 30.256 | 30.254 | .254 | .249 | .231 | 30.217 | 30.239 | 29 |
| 218 | .013 | .010 | .003 | .004 | .004 | .009 | .015 | .013 | .000 | 29.994 | 30.068 | 30 |
| 155 | 30.157 | 30.176 | 30.194 | 30.210 | 30.231 | 30.257 | 30.275 | 30.291 | 30.297 | 30.309 | 30.132 | 31 |

## WET BULB THERMOMETER 41 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 43.0 | 42.5 | 42.0 | 42.1 | 43.3 | 46.0 | 45.6 | 45.7 | 46.3 | 46.8 | 46.4 | 45.6 | 48.0 | 48.5 | 49.6 | 49.3 | 47.4 | 46.0 | 44.7 | 44.0 | 43.9 | 43.9 | 43.4 | 45.3 | 1 |
| 43.2 | 43.4 | 42.3 | 42.0 | 44.0 | 45.2 | 46.6 | 46.7 | 50.1 | 51.9 | 51.8 | 51.8 | 51.9 | 50.4 | 48.3 | 46.6 | 45.6 | 45.4 | 45.0 | 44.4 | 44.0 | 43.3 | 42.1 | 46.3 | 2 |
| 40.0 | 39.5 | 38.7 | 38.3 | 38.0 | 38.6 | 39.7 | 40.2 | 41.3 | 41.0 | 40.6 | 41.0 | 40.9 | 41.2 | 41.7 | 42.1 | 42.4 | 41.8 | 41.4 | 40.7 | 41.2 | 40.6 | 40.5 | 40.5 | 3 |
| 38.7 | 38.5 | 38.6 | 39.4 | 39.7 | 42.0 | 41.2 | 41.4 | 41.5 | 42.6 | 43.0 | 43.0 | 42.4 | 41.4 | 42.7 | 42.8 | 42.4 | 41.6 | 41.1 | 40.3 | 39.0 | 36.6 | 35.6 | 40.6 | 4 |
| 34.6 | 34.6 | 35.0 | 35.3 | 37.0 | 39.5 | 42.4 | 42.7 | 44.4 | 45.6 | 46.4 | 46.7 | 46.0 | 46.8 | 46.3 | 46.0 | 45.1 | 45.0 | 44.6 | 44.1 | 43.7 | 41.9 | 40.3 | 42.0 | 5 |
| 39.8 | 40.0 | 39.0 | 39.6 | 40.4 | 41.4 | 41.7 | 39.9 | 41.3 | 41.0 | 40.2 | 40.0 | 39.6 | 39.7 | 39.9 | 40.2 | 38.9 | 38.7 | 38.0 | 38.2 | 37.3 | 36.4 | 36.3 | 39.5 | 6 |
| 35.9 | 36.1 | 36.0 | 35.0 | 35.9 | 36.7 | 37.6 | 37.7 | 37.0 | 38.1 | 38.2 | 38.2 | 38.8 | 38.6 | 38.7 | 39.1 | 39.6 | 39.6 | 39.1 | 38.7 | 39.0 | 39.0 | 38.6 | 37.8 | 7 |
| 38.1 | 37.9 | 38.2 | 38.4 | 39.5 | 39.4 | 40.2 | 38.8 | 38.4 | 38.7 | 39.0 | 39.3 | 39.7 | 40.1 | 39.4 | 39.7 | 39.6 | 40.1 | 39.3 | 39.4 | 38.9 | 38.6 | 38.0 | 39.0 | 8 |
| 34.7 | 34.7 | 34.3 | 34.5 | 36.6 | 38.2 | 40.3 | 41.9 | 44.3 | 45.0 | 45.0 | 46.6 | 47.5 | 48.0 | 48.2 | 47.8 | 47.5 | 47.4 | 47.1 | 46.6 | 46.4 | 46.0 | 45.5 | 42.9 | 9 |
| 45.0 | 45.1 | 44.7 | 45.0 | 44.7 | 45.3 | 46.3 | 46.6 | 46.7 | 45.7 | 45.1 | 45.2 | 46.0 | 45.7 | 44.4 | 43.7 | 43.1 | 42.4 | 41.3 | 40.3 | 39.5 | 38.7 | 38.6 | 43.9 | 10 |
| 38.3 | 38.0 | 37.4 | 38.6 | 40.0 | 40.8 | 41.8 | 43.0 | 44.3 | 44.3 | 45.6 | 45.9 | 45.7 | 46.2 | 45.3 | 44.1 | 43.0 | 41.7 | 41.4 | 40.5 | 28.8 | 39.3 | 38.1 | 41.7 | 11 |
| 38.7 | 39.0 | 39.7 | 40.2 | 40.7 | 42.3 | 42.8 | 43.4 | 43.8 | 43.0 | 44.0 | 44.1 | 43.9 | 43.6 | 43.0 | 42.6 | 44.3 | 44.6 | 44.5 | 44.6 | 44.6 | 44.6 | 44.7 | 42.7 | 12 |
| 44.8 | 44.6 | 44.5 | 44.1 | 45.2 | 45.4 | 45.0 | 46.1 | 45.5 | 45.4 | 45.6 | 45.4 | 45.1 | 43.9 | 44.4 | 44.4 | 44.8 | 44.4 | 44.0 | 43.9 | 44.0 | 43.7 | 41.2 | 44.6 | 13 |
| 38.1 | 35.4 | 34.7 | 36.6 | 38.0 | 41.4 | 45.0 | 45.5 | 45.4 | 46.0 | 46.0 | 45.6 | 45.3 | 45.7 | 45.7 | 46.4 | 46.0 | 44.0 | 42.4 | 42.7 | 42.6 | 42.8 | 42.8 | 42.7 | 14 |
| 42.4 | 42.4 | 42.6 | 42.8 | 42.6 | 43.0 | 44.1 | 44.3 | 44.0 | 43.8 | 43.2 | 44.3 | 44.0 | 45.3 | 44.7 | 45.5 | 45.2 | 45.4 | 45.0 | 43.7 | 43.1 | 42.3 | 41.7 | 43.7 | 15 |
| 42.7 | 42.6 | 42.7 | 42.7 | 42.4 | 43.0 | 43.0 | 43.1 | 42.7 | 43.0 | 43.0 | 43.7 | 44.3 | 44.1 | 43.6 | 44.3 | 43.5 | 43.4 | 43.4 | 43.4 | 43.4 | 42.6 | 40.8 | 43.1 | 16 |
| 38.2 | 38.0 | 37.3 | 39.5 | 42.4 | 45.3 | 46.3 | 46.0 | 46.2 | 46.3 | 45.6 | 46.6 | 46.0 | 46.2 | 45.4 | 46.0 | 45.1 | 45.0 | 45.1 | 43.6 | 42.0 | 40.7 | 39.4 | 43.4 | 17 |
| 37.7 | 38.0 | 38.3 | 40.0 | 40.9 | 43.4 | 44.5 | 45.2 | 46.0 | 46.1 | 45.6 | 45.4 | 46.5 | 46.2 | 47.0 | 47.0 | 47.1 | 45.7 | 45.5 | 45.2 | 45.0 | 44.7 | 44.7 | 43.9 | 18 |
| 44.8 | 45.4 | 45.8 | 46.7 | 48.4 | 51.5 | 52.4 | 52.4 | 52.6 | 55.0 | 53.8 | 54.1 | 55.2 | 57.0 | 57.4 | 57.7 | 54.0 | 55.3 | 53.9 | 54.1 | 53.6 | 52.3 | 52.0 | 52.1 | 19 |
| 52.4 | 51.1 | 50.0 | 49.6 | 49.3 | 48.6 | 49.0 | 47.4 | 47.6 | 48.6 | 49.0 | 50.0 | 50.0 | 50.4 | 50.4 | 51.7 | 52.8 | 50.5 | 48.9 | 47.4 | 46.2 | 46.0 | 46.3 | 46.6 | 49.3 | 20 |
| 46.8 | 48.4 | 50.4 | 50.2 | 48.8 | 49.7 | 49.3 | 49.0 | 48.9 | 49.8 | 50.4 | 50.7 | 50.3 | 50.7 | 50.4 | 50.2 | 49.6 | 50.3 | 48.8 | 47.6 | 47.7 | 47.6 | 48.0 | 49.2 | 21 |
| 46.7 | 46.9 | 47.7 | 46.9 | 47.0 | 47.0 | 46.3 | 47.0 | 47.6 | 46.7 | 46.6 | 46.4 | 46.4 | 46.6 | 45.5 | 46.9 | 46.3 | 46.6 | 44.7 | 44.4 | 43.8 | 43.5 | 43.0 | 46.1 | 22 |
| 42.8 | 42.7 | 43.4 | 43.6 | 44.3 | 45.1 | 46.3 | 49.0 | 50.0 | 50.1 | 50.5 | 52.0 | 52.3 | 52.1 | 52.3 | 51.7 | 51.1 | 49.6 | 49.4 | 47.2 | 45.6 | 45.4 | 46.0 | 47.7 | 23 |
| 46.5 | 45.4 | 44.5 | 43.7 | 46.7 | 46.0 | 45.2 | 46.5 | 45.6 | 45.0 | 44.4 | 43.3 | 43.3 | 44.0 | 43.1 | 43.4 | 43.6 | 42.3 | 41.2 | 40.3 | 39.6 | 39.3 | 39.1 | 43.7 | 24 |
| 39.0 | 39.1 | 38.9 | 42.1 | 42.3 | 42.7 | 43.1 | 44.3 | 45.8 | 45.9 | 46.0 | 47.0 | 47.9 | 48.0 | 48.1 | 47.1 | 46.9 | 46.0 | 45.2 | 45.7 | 46.4 | 47.3 | 46.9 | 44.7 | 25 |
| 46.6 | 47.0 | 47.2 | 47.6 | 48.4 | 49.0 | 49.6 | 50.9 | 52.0 | 52.1 | 51.4 | 50.3 | 50.6 | 48.5 | 47.0 | 47.1 | 46.5 | 46.1 | 46.0 | 44.4 | 43.4 | 42.5 | 42.6 | 47.6 | 26 |
| 42.2 | 42.0 | 42.0 | 42.7 | 43.5 | 44.2 | 46.6 | 46.0 | 46.0 | 46.0 | 45.5 | 45.8 | 48.3 | 48.8 | 48.8 | 48.0 | 47.0 | 47.0 | 44.3 | 45.4 | 44.6 | 44.1 | 42.4 | 45.1 | 27 |
| 42.0 | 40.4 | 39.7 | 43.0 | 43.4 | 45.3 | 46.0 | 45.7 | 46.4 | 44.6 | 43.6 | 44.8 | 44.2 | 42.6 | 43.9 | 44.1 | 44.8 | 46.3 | 44.3 | 41.7 | 41.0 | 40.0 | 40.1 | 43.3 | 28 |
| 41.2 | 41.0 | 40.6 | 41.3 | 44.0 | 43.0 | 42.3 | 43.2 | 44.9 | 44.4 | 43.9 | 44.8 | 44.6 | 45.7 | 44.2 | 45.3 | 44.0 | 44.5 | 44.0 | 43.8 | 43.7 | 44.6 | 45.2 | 43.5 | 29 |
| 44.9 | 43.9 | 43.9 | 45.4 | 47.4 | 48.0 | 47.4 | 48.0 | 49.0 | 48.4 | 48.9 | 49.5 | 49.6 | 49.0 | 48.7 | 49.0 | 47.7 | 47.6 | 47.4 | 47.3 | 47.0 | 47.2 | 47.0 | 47.4 | 30 |
| 46.7 | 46.6 | 46.7 | 46.8 | 47.3 | 47.2 | 47.9 | 48.1 | 48.4 | 48.7 | 49.0 | 49.3 | 49.3 | 48.4 | 48.1 | 48.6 | 48.3 | 48.0 | 47.3 | 45.7 | 45.0 | 43.4 | 43.0 | 47.3 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

1874

# ABERDEEN OBSERVATORY LAT: 57° 10' N. LONG: 2° 6' W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 24 | 4.5 | 23 | 4 | 25 | 4.5 | 25 | 3 | 25 | 3 | 25 | 2 | 25 | 2 | 25 | 3 | 13 | 10.5 | 13 | 12 | 14 | 14 | 14 | 14 | 14 |
| 2 | 20 | 7.5 | 20 | 5.5 | 19 | 6.5 | 16 | 5.5 | 17 | 7.5 | 17 | 7.5 | 16 | 11 | 15 | 12 | 14 | 12 | 17 | 11 | 15 | 15 | 17 | 15 | 15 |
| 3 | 32 | 7.5 | 31 | 8.5 | 29 | 7.5 | 29 | 9.5 | 27 | 11 | 28 | 13 | 28 | 13 | 30 | 10.5 | 31 | 12 | 29 | 10.5 | 4 | 13 | 30 | 11 | 3 |
| 4 | 30 | 9.5 | 30 | 11 | 30 | 8.5 | 29 | 10.5 | 29 | 10.5 | 27 | 10.5 | 28 | 11 | 31 | 11 | 31 | 12 | 32 | 14 | 32 | 14 | 32 | 11 | 7 |
| 5 | 28 | 4.5 | 28 | 5.5 | 23 | 5.5 | 23 | 4.5 | 23 | 6.5 | 26 | 4.5 | 26 | 7.5 | 26 | 7.5 | 28 | 6.5 | 26 | 7.5 | 29 | 8.5 | 11 | 5.5 | 10 |
| 6 | 25 | 6.5 | 26 | 12 | 23 | 9.5 | 26 | 14 | 25 | 11 | 24 | 13 | 25 | 21 | 26 | 22 | 27 | 18 | 28 | 17 | 29 | 20 | 29 | 24 | 31 |
| 7 | 27 | 13 | 26 | 13 | 26 | 14 | 25 | 19 | 26 | 17 | 26 | 15 | 27 | 17 | 27 | 21 | 26 | 18 | 27 | 21 | 27 | 24 | 28 | 20 | 27 |
| 8 | 26 | 9.5 | 25 | 12 | 25 | 11 | 27 | 13 | 26 | 13 | 26 | 11 | 26 | 11 | 27 | 11 | 28 | 13 | 29 | 16 | 29 | 17 | 29 | 15 | 29 |
| 9 | 26 | 9.5 | 26 | 7.5 | 26 | 9.5 | 26 | 8.5 | 26 | 9.5 | 26 | 8.5 | 26 | 10.5 | 26 | 8.5 | 26 | 5.5 | 26 | 14 | 26 | 10.5 | 28 | 9.5 | 28 |
| 10 | 26 | 16 | 26 | 15 | 27 | 15 | 27 | 12 | 20 | 12 | 31 | 14 | 31 | 12 | 31 | 15 | 1 | 15 | 1 | 15 | 1 | 24 | 32 | 17 | 1 |
| 11 | 1 | 13 | 1 | 15 | 1 | 20 | 5 | 24 | 4 | 21 | 6 | 25 | 6 | 19 | 6 | 21 | 5 | 25 | 6 | 23 | 6 | 24 | 7 | 22 | 7 |
| 12 | 9 | 14 | 9 | 11 | 8 | 9.5 | 7 | 9.5 | 6 | 10.5 | 2 | 6.5 | 4 | 13 | 5 | 12 | 6 | 15 | 6 | 13 | 6 | 13 | 6 | 15 | 6 |
| 13 | 4 | 5.5 | 4 | 6.5 | 4 | 5.5 | 4 | 3 | 31 | 4 | 4 | 7.5 | 7 | 7.5 | 7 | 7.5 | 7 | 11 | 8 | 10.5 | 10 | 12 | 8 | 11 | 10 |
| 14 | 12 | 5.5 | 12 | 7.5 | 24 | 7.5 | 24 | 10.5 | 25 | 9.5 | 26 | 9.5 | 26 | 8.5 | 5 | 7.5 | 6 | 13 | 6 | 14 | 6 | 14 | 6 | 13 | 7 |
| 15 | 1 | 11 | 2 | 12 | 5 | 16 | 4 | 8.5 | 2 | 6.5 | 1 | 8.5 | 2 | 10.5 | 3 | 12 | 4 | 21 | 6 | 20 | 6 | 24 | 6 | 21 | 5 |
| 16 | 29 | 7.5 | 29 | 5.5 | 30 | 5.5 | 31 | 5.5 | 32 | 6.5 | 3 | 7.5 | 2 | 7.5 | 4 | 7.5 | 6 | 11 | 7 | 8.5 | 8 | 9.5 | 9 | 5.5 | 12 |
| 17 | 17 | 4.5 | 18 | 4 | 22 | 4.5 | 24 | 4 | 25 | 4 | 25 | 5.5 | 25 | 5.5 | 32 | 4.5 | 32 | 9.5 | 6 | 11 | 10 | 7.5 | 8 | 12 | 7 |
| 18 | 26 | 5.5 | 26 | 6.5 | 26 | 4 | 26 | 5.5 | 26 | 4.5 | 26 | 4.5 | 26 | 3 | 9 | 5.5 | 10 | 8.5 | 12 | 11 | 10 | 10.5 | 12 | 14 | 13 |
| 19 | 18 | 10.5 | 18 | 4.5 | 18 | 4.5 | 18 | 5.5 | 18 | 4 | 18 | 5.5 | 23 | 6.5 | 26 | 10.5 | 26 | 18 | 26 | 13 | 27 | 23 | 27 | 28 | 27 |
| 20 | 32 | 4.5 | 28 | 6.5 | 27 | 24 | 27 | 24 | 27 | 18 | 27 | 21 | 28 | 21 | 28 | 13 | 28 | 20 | 29 | 20 | 28 | 21 | 27 | 23 | 27 |
| 21 | 18 | 6.5 | 19 | 5.5 | 23 | 5.5 | 23 | 7.5 | 22 | 5.5 | 23 | 14 | 26 | 23 | 24 | 18 | 24 | 27 | 24 | 19 | 26 | 23 | 27 | 12 | 26 |
| 22 | 18 | 11 | 21 | 12 | 19 | 13 | 19 | 8.5 | 20 | 6.5 | 22 | 10.5 | 24 | 15 | 25 | 20 | 27 | 22 | 28 | 23 | 28 | 27 | 29 | 20 | 30 |
| 23 | 20 | 8.5 | 20 | 9.5 | 19 | 5.5 | 18 | 8.5 | 18 | 9.5 | 16 | 10.5 | 18 | 11 | 17 | 14 | 16 | 10.5 | 18 | 15 | 18 | 19 | 20 | 19 | 20 |
| 24 | 18 | 6.5 | 18 | 4.5 | 18 | 7.5 | 18 | 7.5 | 18 | 6.5 | 17 | 7.5 | 20 | 17 | 20 | 19 | 22 | 25 | 22 | 26 | 22 | 29 | 23 | 32 | 23 |
| 25 | 21 | 15 | 20 | 15 | 21 | 14 | 21 | 10.5 | 21 | 4.5 | 19 | 15 | 20 | 20 | 19 | 23 | 19 | 20 | 20 | 22 | 20 | 23 | 20 | 22 | 21 |
| 26 | 15 | 14 | 14 | 17 | 14 | 16 | 15 | 30 | 16 | 18 | 15 | 18 | 13 | 14 | 17 | 16 | 16 | 23 | 19 | 28 | 18 | 28 | 18 | 26 | 19 |
| 27 | 18 | 7.5 | 19 | 7.5 | 19 | 9.5 | 19 | 10.5 | 19 | 5.5 | 19 | 6.5 | 20 | 8.5 | 22 | 6.5 | 23 | 3 | 11 | 6.5 | 11 | 10.5 | 13 | 9.5 | 13 |
| 28 | 24 | 8.5 | 24 | 6.5 | 24 | 4.5 | 24 | 5.5 | 24 | 7.5 | 23 | 10.5 | 22 | 8.5 | 21 | 9.5 | 25 | 7.5 | 23 | 5.5 | 29 | 10.5 | 12 | 10.5 | 12 |
| 29 | 27 | 13 | 27 | 14 | 28 | 13 | 28 | 10.5 | 28 | 12 | 27 | 14 | 28 | 14 | 29 | 12 | 28 | 9.5 | 32 | 8.5 | 29 | 6.5 | 13 | 9.5 | 15 |
| 30 | 17 | 5.5 | 17 | 4.5 | 17 | 6.5 | 17 | 6.5 | 17 | 8.5 | 16 | 12 | 16 | 16 | 15 | 17 | 16 | 20 | 16 | 25 | 15 | 26 | 15 | 25 | 15 |
| 31 | 16 | 13 | 15 | 13 | 15 | 14 | 15 | 12 | 14 | 15 | 14 | 14 | 14 | 16 | 14 | 16 | 13 | 17 | 14 | 19 | 14 | 22 | 13 | 20 | 13 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 48 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .010 | . | .005 | . | . |
| 3 | . | . | . | .005 | . | . | . | . | . | . | . | . | .020 | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | .010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .020 | .015 | .005 |
| 10 | . | . | . | .010 | . | . | . | . | . | . | .005 | .005 | . | .010 | .010 | . | . | .010 | . | . | . | . | . | . |
| 11 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | .010 | .015 | .015 | .030 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | .010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | .005 | .015 | . | . | .010 | .010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 24 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 27 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | .010 | .010 | .080 | . | . | .005 |
| 28 | .005 | . | . | . | . | . | . | . | . | . | .015 | .085 | .045 | .005 | .180 | . | . | .040 | .040 | . | . | . | . | . |
| 29 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 31 | . | . | . | .010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 14 | 14 | 15 | 15 | 17 | 15 | 19 | 16 | 19 | 16 | 17 | 16 | 11 | 18 | 13 | 18 | 10.5 | 17 | 7.5 | 22 | 4.5 | 1 |
| 14 | 15 | 9.5 | 31 | 13 | 31 | 15 | 29 | 10.5 | 31 | 5.5 | 4 | 5.5 | 4 | 5.5 | 4 | 3 | 4 | 4.5 | 32 | 6.5 | 2 |
| 21 | 6 | 18 | 6 | 16 | 6 | 17 | 5 | 15 | 3 | 12 | 2 | 6.5 | 32 | 8.5 | 30 | 10.5 | 30 | 9.5 | 30 | 11 | 3 |
| 14 | 6 | 16 | 6 | 15 | 8 | 16 | 6 | 20 | 6 | 15 | 5 | 10.5 | 3 | 4.5 | 31 | 6.5 | 31 | 7.5 | 28 | 7.5 | 4 |
| 7.5 | 10 | 4.5 | 10 | 6.5 | 10 | 6.5 | 11 | 5.5 | 11 | 5.5 | 4 | 4 | 4 | 2 | 30 | 4 | 25 | 9.5 | 26 | 12 | 5 |
| 20 | 30 | 18 | 30 | 17 | 31 | 20 | 30 | 16 | 29 | 18 | 29 | 12 | 28 | 15 | 27 | 14 | 27 | 14 | 28 | 15 | 6 |
| 20 | 29 | 17 | 28 | 14 | 29 | 15 | 31 | 12 | 29 | 9.5 | 30 | 6.5 | 28 | 4.5 | 28 | 4.5 | 26 | 8.5 | 26 | 7.5 | 7 |
| 15 | 30 | 15 | 30 | 14 | 31 | 13 | 30 | 14 | 30 | 10.5 | 30 | 9.5 | 29 | 6.5 | 1 | 9.5 | 29 | 7.5 | 27 | 8.5 | 8 |
| 9.5 | 29 | 10.5 | 30 | 8.5 | 28 | 9.5 | 28 | 10.5 | 27 | 8.5 | 26 | 4.5 | 27 | 15 | 26 | 12 | 26 | 13 | 25 | 10.5 | 9 |
| 21 | 4 | 23 | 2 | 24 | 4 | 25 | 4 | 22 | 2 | 19 | 2 | 17 | 1 | 15 | 32 | 14 | 30 | 12 | 32 | 10.5 | 10 |
| 20 | 7 | 20 | 7 | 17 | 7 | 18 | 8 | 20 | 8 | 21 | 10 | 14 | 10 | 14 | 8 | 16 | 10 | 14 | 9 | 14 | 11 |
| 17 | 6 | 15 | 6 | 18 | 6 | 16 | 5 | 14 | 4 | 17 | 4 | 11 | 3 | 9.5 | 4 | 8.5 | 4 | 7.5 | 4 | 7.5 | 12 |
| 11 | 10 | 10.5 | 10 | 10.5 | 10 | 7.5 | 11 | 9.5 | 12 | 7.5 | 12 | 7.5 | 12 | 4.5 | 12 | 4.5 | 12 | 3 | 12 | 4.5 | 13 |
| 12 | 6 | 14 | 6 | 15 | 5 | 18 | 6 | 19 | 6 | 16 | 6 | 16 | 2 | 11 | 2 | 13 | 4 | 13 | 2 | 13 | 14 |
| 19 | 6 | 17 | 6 | 18 | 6 | 18 | 6 | 15 | 4 | 14 | 4 | 12 | 2 | 8.5 | 32 | 6.5 | 30 | 8.5 | 29 | 7.5 | 15 |
| 8.5 | 11 | 10.5 | 11 | 12 | 12 | 8.5 | 14 | 8.5 | 15 | 6.5 | 16 | 6.5 | 16 | 4.5 | 18 | 6.5 | 17 | 5.5 | 17 | 6.5 | 16 |
| 22 | 6 | 21 | 7 | 19 | 7 | 14 | 7 | 10.5 | 6 | 7.5 | 6 | 3 | 6 | 4 | 30 | 4.5 | 26 | 5.5 | 26 | 9.5 | 17 |
| 14 | 14 | 15 | 14 | 13 | 14 | 16 | 15 | 14 | 15 | 14 | 16 | 13 | 16 | 13 | 17 | 13 | 16 | 11 | 16 | 9.5 | 18 |
| 23 | 28 | 21 | 28 | 23 | 29 | 10.5 | 11 | 5.5 | 17 | 5.5 | 13 | 4 | 25 | 9.5 | 28 | 11 | 23 | 5.5 | 23 | 5.5 | 19 |
| 16 | 26 | 18 | 29 | 16 | 31 | 12 | 15 | 13 | 16 | 12 | 18 | 14 | 16 | 14 | 18 | 15 | 17 | 15 | 18 | 12 | 20 |
| 19 | 26 | 16 | 26 | 17 | 26 | 17 | 14 | 8.5 | 14 | 6.5 | 17 | 6.5 | 10 | 6.5 | 10 | 4 | 10 | 3 | 10 | 4 | 21 |
| 22 | 29 | 19 | 28 | 24 | 29 | 14 | 28 | 11 | 28 | 6.5 | 27 | 9.5 | 27 | 8.5 | 27 | 6.5 | 22 | 7.5 | 20 | 6.5 | 22 |
| 24 | 19 | 22 | 19 | 24 | 19 | 19 | 21 | 21 | 22 | 20 | 22 | 14 | 22 | 19 | 20 | 12 | 22 | 8.5 | 18 | 6.5 | 23 |
| 31 | 22 | 34 | 22 | 31 | 23 | 26 | 23 | 26 | 22 | 27 | 22 | 25 | 22 | 15 | 21 | 15 | 21 | 12 | 21 | 16 | 24 |
| 22 | 22 | 16 | 22 | 18 | 24 | 16 | 24 | 11 | 22 | 8.5 | 20 | 7.5 | 19 | 6.5 | 16 | 10.5 | 15 | 11 | 16 | 13 | 25 |
| 24 | 21 | 25 | 20 | 35 | 20 | 30 | 29 | 29 | 20 | 26 | 20 | 19 | 20 | 20 | 19 | 10.5 | 20 | 4 | 20 | 5.5 | 26 |
| 13 | 16 | 13 | 18 | 11 | 16 | 12 | 19 | 12 | 32 | 8.5 | 24 | 11 | 32 | 4.5 | 25 | 8.5 | 25 | 5.5 | 25 | 3 | 27 |
| 8.5 | 10 | 10.5 | 12 | 9.5 | 13 | 10.5 | 15 | 4.5 | 15 | 4.5 | 16 | 5.5 | 29 | 10.5 | 28 | 5.5 | 28 | 6.5 | 28 | 12 | 28 |
| 14 | 14 | 16 | 14 | 17 | 14 | 18 | 14 | 16 | 14 | 18 | 14 | 14 | 14 | 10.5 | 15 | 6.5 | 17 | 6.5 | 17 | 7.5 | 29 |
| 24 | 14 | 23 | 15 | 18 | 15 | 17 | 16 | 17 | 16 | 20 | 16 | 13 | 15 | 16 | 16 | 14 | 15 | 17 | 16 | 15 | 30 |
| 20 | 14 | 17 | 14 | 12 | 12 | 8.5 | 12 | 10.5 | 11 | 10.5 | 10 | 8.5 | 10 | 7.5 | 11 | 9.5 | 11 | 9.5 | 11 | 5.5 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .248 | .243 | .247 | .249 | .259 | .278 | .250 | .262 | .261 | .258 | .251 | .237 | .269 | .289 | .289 | .289 | .274 | .265 | .254 | .253 | .255 | .257 | .248 | 1 |
| .257 | .254 | .246 | .245 | .235 | .262 | .272 | .292 | .297 | .322 | .301 | .313 | .313 | .290 | .261 | .258 | .246 | .262 | .267 | .263 | .258 | .249 | .223 | 2 |
| .197 | .198 | .191 | .189 | .186 | .187 | .194 | .193 | .205 | .201 | .200 | .213 | .201 | .214 | .226 | .235 | .239 | .229 | .232 | .228 | .232 | .229 | .228 | 3 |
| .210 | .217 | .213 | .214 | .215 | .229 | .218 | .210 | .201 | .213 | .218 | .233 | .228 | .208 | .227 | .232 | .226 | .219 | .225 | .221 | .211 | .201 | .193 | 4 |
| .189 | .186 | .190 | .191 | .204 | .215 | .228 | .228 | .239 | .241 | .257 | .267 | .261 | .268 | .262 | .263 | .257 | .257 | .253 | .241 | .244 | .220 | .211 | 5 |
| .203 | .207 | .191 | .193 | .204 | .208 | .213 | .205 | .227 | .197 | .176 | .179 | .167 | .171 | .182 | .183 | .176 | .177 | .179 | .190 | .181 | .175 | .168 | 6 |
| .172 | .178 | .186 | .179 | .192 | .186 | .183 | .178 | .167 | .174 | .173 | .170 | .175 | .175 | .174 | .178 | .175 | .186 | .191 | .202 | .209 | .202 | .202 | 7 |
| .191 | .190 | .200 | .215 | .225 | .219 | .215 | .187 | .172 | .179 | .183 | .179 | .181 | .188 | .184 | .187 | .190 | .203 | .193 | .205 | .207 | .205 | .195 | 8 |
| .177 | .181 | .177 | .178 | .190 | .196 | .214 | .223 | .235 | .244 | .234 | .254 | .273 | .270 | .274 | .270 | .263 | .269 | .271 | .280 | .295 | .292 | .284 | 9 |
| .280 | .290 | .286 | .286 | .280 | .282 | .292 | .293 | .298 | .295 | .283 | .285 | .293 | .290 | .276 | .264 | .262 | .245 | .234 | .219 | .209 | .199 | .199 | 10 |
| .195 | .187 | .172 | .191 | .223 | .224 | .233 | .248 | .260 | .257 | .273 | .281 | .282 | .286 | .270 | .255 | .244 | .226 | .228 | .213 | .184 | .202 | .162 | 11 |
| .195 | .195 | .205 | .214 | .221 | .234 | .240 | .248 | .246 | .228 | .248 | .251 | .238 | .235 | .229 | .217 | .257 | .270 | .271 | .274 | .276 | .277 | .280 | 12 |
| .286 | .285 | .284 | .277 | .286 | .276 | .271 | .270 | .274 | .272 | .276 | .274 | .265 | .241 | .249 | .253 | .266 | .259 | .260 | .266 | .272 | .268 | .247 | 13 |
| .223 | .204 | .199 | .211 | .221 | .242 | .259 | .267 | .268 | .276 | .279 | .277 | .271 | .272 | .273 | .283 | .278 | .249 | .249 | .240 | .237 | .237 | .237 | 14 |
| .234 | .233 | .236 | .240 | .227 | .229 | .247 | .249 | .238 | .231 | .229 | * | † .239 | .261 | .257 | .266 | .261 | .271 | .267 | .260 | .255 | .251 | .249 | 15 |
| .255 | .239 | .240 | .240 | .229 | .236 | .239 | .236 | .230 | .230 | .229 | .239 | .243 | .240 | .235 | .238 | .227 | .236 | .244 | .253 | .255 | .251 | .234 | 16 |
| .218 | .218 | .209 | .226 | .242 | .262 | .257 | .241 | .280 | .272 | .252 | .262 | .261 | .275 | .261 | .266 | .257 | .256 | .265 | .256 | .240 | .229 | .220 | 17 |
| .211 | .214 | .214 | .229 | .235 | .255 | .257 | .267 | .281 | .279 | .270 | .263 | .276 | .275 | .279 | .283 | .277 | .273 | .272 | .272 | .269 | .261 | .260 | 18 |
| .266 | .274 | .286 | .303 | .324 | * | * | .350 | .358 | .388 | .363 | .366 | .370 | .378 | .383 | .387 | .378 | .384 | .381 | .342 | .356 | .347 | .335 | 19 |
| .346 | .326 | .310 | .305 | .299 | .287 | .300 | .258 | .260 | .270 | .262 | .271 | .273 | .269 | .282 | .293 | .299 | .287 | .280 | .267 | .267 | .267 | .275 | 20 |
| .284 | .311 | .319 | .313 | .276 | .288 | .261 | .261 | .258 | .261 | .269 | .277 | .261 | .276 | .267 | .267 | .289 | .306 | .283 | .290 | .305 | .312 | .316 | 21 |
| .265 | .284 | .316 | .295 | .277 | .261 | .251 | .266 | .265 | .269 | .267 | .250 | .276 | .256 | .235 | * | * | .240 | .230 | .243 | .238 | .244 | .239 | 22 |
| .226 | .228 | .251 | .252 | .262 | .267 | .288 | .317 | .304 | .290 | .282 | .297 | .312 | .310 | .317 | .301 | .297 | .270 | .270 | .247 | .240 | .241 | .253 | 23 |
| .274 | .257 | .249 | .235 | .262 | .251 | .237 | .233 | .236 | .221 | .203 | .194 | .196 | .201 | .195 | .195 | .200 | .187 | .191 | .201 | .198 | .196 | .200 | 24 |
| .204 | .200 | .199 | .229 | .215 | .216 | .214 | .217 | .225 | .220 | .218 | .222 | .230 | .231 | .228 | .211 | .211 | .212 | .209 | .231 | .263 | .269 | .282 | 25 |
| .287 | .296 | .297 | .305 | .311 | .322 | .323 | .331 | .336 | .310 | .300 | .268 | .263 | .222 | .203 | .210 | .204 | .208 | .204 | .207 | .206 | .210 | .214 | 26 |
| .212 | .212 | .214 | .224 | .232 | .235 | .228 | .240 | .243 | .240 | .228 | .228 | .261 | .280 | .278 | .269 | .273 | .282 | .265 | .283 | .273 | .265 | .257 | 27 |
| .244 | .235 | .228 | .242 | .236 | .258 | .248 | .234 | .242 | .230 | .246 | .252 | .255 | .251 | .259 | .247 | .276 | .283 | .273 | .240 | .237 | .231 | .230 | 28 |
| .240 | .241 | .236 | .236 | .251 | .226 | .216 | .225 | .234 | .221 | .233 | .249 | .245 | .247 | .241 | .257 | .247 | .260 | .258 | .263 | .264 | .277 | .286 | 29 |
| .273 | .264 | .267 | .270 | .284 | .279 | .263 | .268 | .279 | .281 | .280 | .289 | .295 | .295 | .299 | .303 | .283 | .292 | .290 | .295 | .286 | .293 | .299 | 30 |
| .300 | .296 | .303 | .299 | .309 | .303 | .306 | .309 | .311 | .304 | .313 | .316 | .308 | .288 | .298 | .320 | .324 | .321 | .315 | .244 | .275 | .247 | .246 | 31 |

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# FALMOUTH OBSERVATORY LAT: 50° 9′ N. LONG: 5° 4′ W

## BAROMETER

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30·104 | 30 094 | 30. 084 | 30. 076 | 30. 072 | 30. 072 | 30. 066 | 30. 066 | 30. 056 | 30. 042 | 30. 027 | 30. 005 | 29. |
| 2 | 29 769 | 29·731 | 29. 715 | 29. 647 | 29. 689 | 29 685 | 29 673 | 29·665 | 29. 655 | 29· 651 | 29. 645 | 29. 633 | .6 |
| 3 | ·583 | ·561 | ·545 | ·523 | ·517 | ·575 | ·571 | ·675 | ·509 | ·571 | ·512 | ·505 | ·5 |
| 4 | ·570 | ·578 | ·578 | ·590 | ·620 | ·652 | ·674 | ·694 | ·712 | ·728 | ·745 | ·746 | ·7 |
| 5 | 658 | ·852 | ·850 | ·866 | ·862 | ·868 | ·882 | ·886 | ·886 | ·888 | ·893 | ·879 | ·2 |
| 6 | ·843 | ·837 | ·835 | ·835 | ·837 | ·841 | ·839 | ·839 | ·835 | ·837 | ·837 | ·827 | ·8 |
| 7 | ·873 | ·873 | ·869 | ·869 | ·879 | ·891 | 901 | ·909 | ·916 | ·923 | ·926 | ·926 | ·9 |
| 8 | 29 885 | 29·880 | 29·870 | 29·860 | 29·854 | 29. 858 | 29·864 | 29 ·868 | 29. 870 | 29· 872 | 29· 877 | 29. 881 | 29. |
| 9 | 30·011 | 30. 019 | 30·029 | 30· 037 | 30·054 | 30 067 | 30·079 | 30· 081 | 30·089 | 30·093 | 30·096 | 30·082 | 30. |
| 10 | 30. 018 | 30·014 | 30·000 | 29·982 | 29·966 | 29·966 | 29·958 | 29. 952 | 29·942 | 29. 930 | 29·925 | 29·905 | 29. |
| 11 | 29. 747 | 29. 727 | 29. 709 | ·697 | ·687 | ·683 | ·671 | ·667 | ·661 | ·659 | ·659 | ·650 | ·6 |
| 12 | ·639 | ·635 | ·637 | ·639 | ·647 | ·657 | ·670 | ·700 | ·702 | ·713 | ·727 | ·732 | ·7 |
| 13 | ·832 | ·839 | ·841 | ·841 | ·847 | ·849 | ·852 | ·869 | ·877 | ·873 | ·869 | ·869 | ·8 |
| 14 | ·839 | ·821 | ·803 | ·805 | ·806 | ·817 | ·829 | ·843 | ·853 | ·857 | ·856 | ·847 | ·8 |
| 15 | ·805 | ·783 | ·779 | ·767 | ·769 | ·786 | ·797 | ·809 | ·813 | ·803 | ·812 | ·810 | ·8 |
| 16 | ·786 | ·776 | ·774 | ·767 | ·788 | ·786 | ·787 | ·790 | ·794 | ·794 | ·798 | 798 | ·8 |
| 17 | 29·868 | 29·872 | 29·870 | 29·872 | 29·885 | 29·910 | 29·922 | 29·938 | 29·936 | 29·946 | 29·951 | 29·949 | 29·9 |
| 18 | 30·008 | 30·009 | 30·004 | 30·017 | 30·029 | 30·049 | 30·057 | 30·070 | 30·069 | 30·071 | 30·069 | 30·065 | 30·0 |
| 19 | 30·082 | 30·070 | 30·076 | ·069 | ·073 | ·072 | ·076 | ·080 | ·082 | ·092 | ·075 | ·072 | ·0 |
| 20 | 29·989 | 29·997 | 29·997 | ·010 | ·017 | ·035 | ·050 | ·063 | ·062 | ·077 | ·082 | ·094 | ·0 |
| 21 | 36. 115 | 30. 110 | 30 110 | 30 108 | 30. 107 | 30. 106 | 30. 106 | 30. 110 | 30. 110 | 30. 108 | 30. 110 | 30. 108 | 30. |
| 22 | 29. 926 | 29 906 | 29. 882 | 29. 864 | 29. 856 | 29. 842 | 29. 837 | 29. 813 | 29. 808 | 29. 804 | 29. 802 | 29. 799 | 29. |
| 23 | ·844 | ·844 | ·840 | ·837 | ·835 | ·840 | ·847 | ·848 | ·837 | ·841 | ·818 | ·809 | ·8 |
| 24 | ·724 | ·716 | ·705 | ·694 | ·693 | ·708 | ·726 | ·740 | ·746 | ·758 | ·776 | ·792 | ·8 |
| 25 | ·822 | ·820 | ·809 | ·808 | ·818 | ·828 | ·836 | ·850 | ·850 | ·851 | ·848 | ·849 | ·8 |
| 26 | ·768 | ·765 | ·746 | ·713 | ·728 | ·732 | ·728 | ·746 | ·748 | ·736 | ·757 | ·754 | ·7 |
| 27 | ·587 | ·583 | ·568 | 29. 551 | 29. 564 | 29. 559 | 29. 585 | 29. 607 | 29. 611 | 29. 635 | 29. 686 | 29. 712 | 29. |
| 28 | 29. 973 | 29. 979 | 29. 988 | 30. 001 | 30. 021 | 30 047 | 30. 068 | 30. 097 | 30 107 | 30 127 | 30 160 | 30 174 | 30. |
| 29 | 30. 286 | 30. 282 | 30. 280 | ·279 | ·283 | ·300 | ·303 | ·312 | ·312 | ·309 | ·300 | ·293 | ·2 |
| 30 | 30. 218 | 30. 198 | 30. 176 | 30. 168 | 30. 156 | 30. 150 | 30. 146 | 30. 146 | 30. 140 | 30. 125 | 30. 120 | 30. 110 | 30 |
| 31 | 29. 950 | 29 921 | 29 900 | 29. 885 | 29. 868 | 29. 868 | 29. 870 | 29. 856 | 29. 845 | 29. 835 | 29. 818 | 29. 808 | 29. |

## DRY BULB THERMOMETER

11 FEET ABOVE GROUND

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 46·7 | 43·5 | 42·9 | 42. 6 | 41. 9 | 42. 2 | 46. 9 | 49. 4 | 51. 4 | 52. 3 | 52. 5 | 52. 1 | 52. 5 | 51. 9 | 53. 2 | 53. 2 | 53. 5 | 54. 4 | 51. 5 | 49. 0 | 47. 1 | 46. 1 | 46. 0 | 44. 3 |
| 2 | 44. 1 | 43. 9 | 43. 2 | 41. 8 | 41. 9 | 41. 7 | 44. 9 | 48. 5 | 51. 7 | 52. 4 | 52. 5 | 52. 8 | 52. 9 | 52. 2 | 53. 5 | 55. 7 | 54. 0 | 52. 0 | 50. 6 | 49. 7 | 49. 2 | 48. 6 | 48. 3 | 47. 9 |
| 3 | 48 0 | 47. 3 | 46. 9 | 45. 9 | 46. 1 | 46. 3 | 47. 8 | 48·9 | 50. 0 | 50. 3 | 51. 3 | 51. 7 | 51. 5 | 49. 3 | 50. 6 | 49 1 | 49. 1 | 48. 7 | 48. 4 | 47 7 | 47 6 | 46. 9 | 46. 8 | 46. 0 |
| 4 | 47. 1 | 48. 0 | 46 9 | 47. 2 | 47 9 | 47. 0 | 48. 5 | 49 0 | 50. 5 | 51. 8 | 53. 2 | 53. 1 | 52. 7 | 52. 1 | 52. 2 | 52. 8 | 53. 0 | 53. 1 | 53. 0 | 51. 5 | 50. 4 | 50. 7 | 49. 7 | 49. 0 |
| 5 | 49. 0 | 48. 6 | 47. 0 | 46 9 | 45. 0 | 46. 0 | 48. 4 | 51. 6 | 54. 0 | 55. 0 | 56. 7 | 56. 8 | 57. 8 | 57. 0 | 55. 7 | 53. 3 | 54. 3 | 53. 0 | 57 3 | 50. 0 | 49. 2 | 48. 6 | 48. 3 | 48. 6 |
| 6 | 48. 5 | 48. 3 | 48. 9 | 48. 0 | 45. 7 | 45. 7 | 49 5 | 51. 5 | 53. 6 | 54. 6 | 56. 5 | 57. 0 | 57. 3 | 55. 2 | 56. 2 | 56. 9 | 55. 9 | 54. 6 | 52. 9 | 50. 5 | 49. 2 | 48. 7 | 47. 1 | 46 9 |
| 7 | 46. 8 | 46. 2 | 45. 9 | 45. 3 | 45. 2 | 45. 7 | 48 8 | 51. 0 | 52. 4 | 51. 0 | 52. 1 | 51. 9 | 52. 2 | 52. 3 | 52. 9 | 52. 4 | 52. 2 | 51. 3 | 50 9 | 49 0 | 48. 7 | 47. 2 | 46. 5 | 46. 9 |
| 8 | 47. 2 | 47. 2 | 47. 3 | 47. 8 | 48. 0 | 48. 3 | 49 1 | 50. 0 | 51. 9 | 52. 2 | 52. 8 | 53. 0 | 53. 4 | 53. 4 | 53. 2 | 52. 5 | 52. 9 | 51. 7 | 51. 4 | 51. 0 | 51. 0 | 51. 0 | 49. 8 | 49. 0 |
| 9 | 48. 6 | 48. 0 | 47. 3 | 46. 0 | 44 0 | 43. 9 | 47. 8 | 48. 6 | 49 1 | 50 3 | 51 3 | 52. 1 | 51. 9 | 51. 3 | 54. 0 | 50. 9 | 50. 8 | 50. 0 | 49. 6 | 48. 5 | 47 0 | 46 0 | 45. 0 | 43 9 |
| 10 | 44. 9 | 42. 6 | 41. 8 | 41. 8 | 43. 5 | 43. 9 | 46. 9 | 47. 9 | 50. 0 | 51. 6 | 50. 8 | 51 0 | 50 8 | 50 0 | 49. 8 | 51. 1 | 50 9 | 50. 2 | 49 4 | 49. 1 | 48 7 | 46 9 | 46. 4 | 45. 9 |
| 11 | 45. 8 | 45. 8 | 45. 7 | 45. 2 | 45. 4 | 45 9 | 46. 4 | 47. 0 | 47. 8 | 49. 1 | 47. 0 | 48. 9 | 50. 2 | 50. 9 | 50. 6 | 50. 8 | 50. 3 | 50. 1 | 49 7 | 48. 9 | 49. 0 | 49. 7 | 50 · 0 | 50 0 |
| 12 | 50. 0 | 49. 6 | 49 7 | 49. 6 | 49 3 | 49. 2 | 50. 4 | 51. 0 | 51. 0 | 52. 3 | 53. 9 | 55. 1 | 55. 7 | 54. 8 | 55. 6 | 55. 6 | 54. 7 | 54. 0 | 53 4 | 53 0 | 53 1 | 53. 6 | 53. 3 | 52. 7 |
| 13 | 51. 7 | 50. 3 | 49 9 | 48. 5 | 48. 9 | 49. 4 | 50. 2 | 52. 3 | 52. 6 | 53. 3 | 53. 4 | 55. 4 | 54. 9 | 57. 4 | 57. 7 | 57. 4 | 58. 0 | 56 2 | 56 7 | 55. 0 | 53 8 | 52. 9 | 52. 8 | 52 3 |
| 14 | 52. 2 | 52. 2 | 52. 1 | 51. 7 | 50 8 | 50. 4 | 50. 1 | 50. 0 | 49. 5 | 49. 3 | 49 9 | 50. 7 | 52. 2 | 54 2 | 55. 7 | 56. 2 | 57. 1 | 58 2 | 57. 4 | 56 9 | 58. 0 | 58 0 | 57. 9 | 57. 1 |
| 15 | 56 0 | 58. 0 | 57. 2 | 57. 5 | 57. 6 | 57. 3 | 58. 2 | 58 7 | 61. 6 | 61. 1 | 61. 4 | 62. 8 | 64. 7 | 62. 8 | 64 2 | 63. 7 | 64. 8 | 66 9 | 65 9 | 64. 0 | 62. 7 | 61. 2 | 60. 0 | 59. 2 |
| 16 | 57 3 | 56. 0 | 55. 0 | 54. 4 | 53 9 | 54. 4 | 55. 0 | 55 9 | 56 4 | 56. 4 | 58 | 60. 0 | 61. 4 | 62 2 | 62. 0 | 64. 0 | 60. 9 | 60. 7 | 58 9 | 57 0 | 57. 2 | 57. 0 | 56 2 | 54. 8 |
| 17 | 52. 8 | 51. 8 | 50. 5 | 48 6 | 47. 4 | 46. 0 | 46. 6 | 46. 9 | 49 0 | 50 0 | 52. 4 | 52. 8 | 53 9 | 54. 0 | 53 7 | 53 6 | 53 9 | 52 7 | 53. 0 | 52. 3 | 53 0 | 52. 6 | 51. 6 | 50 8 |
| 18 | 49. 5 | 49 0 | 48. 0 | 46 9 | 46. 6 | 46. 0 | 50. 0 | 50. 6 | 52 0 | 52 6 | 53 6 | 54. 9 | 55. 1 | 54. 4 | 53. 7 | 53 6 | 53. 9 | 53 5 | 53. 5 | 54. 8 | 51. 3 | 50 6 | 50. 0 | 44. 4 |
| 19 | 50. 0 | 51. 2 | 49. 5 | 48. 4 | 48. 8 | 44. 7 | 53. 3 | 54. 9 | 55. 0 | 55. 3 | 54. 7 | 56 0 | 56. 7 | 58. 6 | 60 0 | 59. 8 | 58. 8 | 57. 0 | 55. 4 | 53 6 | 53. 7 | 54. 7 | 54 7 | 54. 1 |
| 20 | 54. 4 | 55. 4 | 54. 7 | 53 5 | 53. 3 | 53 8 | 57. 2 | 60. 0 | 61. 1 | 62. 3 | * | 62. 0 | * | * | 62. 2 | 60. 8 | 60. 7 | 59. 4 | 59. 5 | 58. 0 | 56. 7 | 56. 5 | 56 0 | 54. 9 |
| 21 | 54. 4 | 53. 9 | 53 8 | 53. 7 | 52 5 | 53. 7 | 55. 7 | 58 7 | 61 7 | 60. 7 | 61. 8 | 62. 2 | 63. 0 | 61. 3 | 59. 9 | 58. 6 | 58. 0 | 57. 6 | 56 7 | 54 0 | 53. 4 | 53 2 | 52. 3 | 53. 2 |
| 22 | 52. 6 | 52. 4 | 52. 1 | 52. 0 | 52. 3 | 52. 8 | 54. 6 | 57. 0 | 58 0 | 58 0 | 56. 8 | 57 0 | 57. 9 | 57. 4 | 57 0 | 56. 3 | 57. 3 | 55. 6 | 54. 9 | 53. 2 | 52. 2 | 52. 0 | 51. 9 | 51. 3 |
| 23 | 51 0 | 51. 3 | 51. 1 | 50 5 | 50. 6 | 51. 0 | 52. 9 | 53. 7 | 55. 0 | 55. 7 | 56 2 | 60. 0 | 59. 9 | 58 9 | 57. 4 | 57. 5 | 56 2 | 55. 2 | 54. 2 | 54. 0 | 53. 9 | 53. 7 | 53 7 | 54. 0 |
| 24 | 53 9 | 58. 8 | 53. 8 | 53. 5 | 53 7 | 54. 3 | 56. 0 | 56 2 | 56. 4 | 57. 7 | 58 8 | 58. 5 | 60. 3 | 59. 2 | 54. 4 | 58 2 | 57. 6 | 56. 5 | 55 4 | 55. 0 | 54. 4 | 54. 0 | 53 7 | 53 7 |
| 25 | 53. 5 | 53. 5 | 53 4 | 52. 9 | 53 2 | 53. 6 | 52. 9 | 56 8 | 56 8 | 60 6 | 61 9 | 60 4 | 59. 2 | 57. 9 | 57. 7 | 57. 0 | 56. 0 | 54. 4 | 52 8 | 52. 0 | 51. 4 | 51 2 | 50. 8 | 50. 6 |
| 26 | 51. 1 | 51. 0 | 51. 4 | 52. 0 | 52 5 | 52. 9 | 53 6 | 53. 4 | 53. 7 | 54. 8 | 55. 8 | 56. 9 | 56 7 | 57 6 | 56. 5 | 58 4 | 55. 7 | 56. 8 | 57. 0 | 56 0 | 55. 0 | 55. 4 | 55. 4 | 58. 6 |
| 27 | 55. 5 | 55. 5 | 54. 5 | 54. 7 | 54. 7 | 53. 3 | 52 1 | 52. 0 | 51. 0 | 51. 1 | 52. 0 | 53 7 | 54. 3 | 55. 2 | 56. 4 | 55. 1 | 55. 2 | 54. 0 | 53. 7 | 51. 7 | 49 6 | 48. 4 | 47. 7 | 47. 2 |
| 28 | 47. 1 | 47. 1 | 47. 1 | 47. 2 | 47. 3 | 49 4 | 51. 4 | 54. 7 | 54. 4 | 56. 0 | 55. 9 | 56 1 | 56 0 | 56 5 | 57. 0 | 56 1 | 56. 0 | 54. 9 | 53 6 | 51. 8 | 50. 4 | 49 0 | 47. 9 | 48 3 |
| 29 | 47. 6 | 48. 4 | 46. 9 | 47. 2 | 47 4 | 48. 9 | 53 1 | 55. 6 | 56 4 | 56. 7 | 57. 1 | 57. 7 | 57. 6 | 58. 5 | 58. 0 | 58 2 | 58 3 | 56 4 | 54. 5 | 52. 8 | 50. 7 | 49. 7 | 48. 7 | 48 2 |
| 30 | 48 3 | 47. 7 | 47. 7 | 46. 5 | 47 0 | 47 6 | 57. 8 | 53. 0 | 55. 0 | 55. 6 | 55. 5 | 56. 0 | 56. 0 | 54. 3 | 54. 4 | 56 0 | 54. 0 | 53. 7 | 53 0 | 51 9 | 49 | 49 | 49 2 | 49. 3 |
| 31 | 49. 7 | 49. 7 | 48. 7 | 48. 7 | 49. 1 | 49. 4 | 50 3 | 52. 0 | 51. 7 | 54. 0 | 55. 8 | 54. 3 | 52. 6 | 52. 0 | 58. 8 | 54. 9 | 53 6 | 53 3 | 52. 3 | 50. 5 | 50. 3 | 50 2 | 49. 9 | 49. 5 |

* Record defective or Instrument out of action. † Reading of Standard. ‡ Approximat

# HOURLY VALUES MAY 1880.

## CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ·61 | 29.939 | 29.921 | 29.897 | 29.881 | 29.863 | 29.853 | 29.849 | 29.839 | 29.821 | 29.793 | 29.974 | 1 |
| ·28 | ·617 | ·613 | ·613 | ·619 | ·623 | ·625 | ·633 | ·638 | ·621 | ·603 | 29·653 | 2 |
| ·94 | ·487 | ·487 | ·486 | ·490 | ·506 | ·514 | ·525 | ·534 | ·545 | ·560 | 29·578 | 3 |
| ·58 | ·762 | ·770 | ·775 | ·780 | ·788 | ·805 | ·818 | ·828 | ·840 | ·847 | 29·726 | 4 |
| ·59 | ·851 | ·839 | ·829 | ·829 | ·833 | ·841 | ·851 | ·851 | ·841 | ·841 | 29·858 | 5 |
| ·26 | ·821 | ·809 | ·815 | ·821 | ·831 | ·855 | ·865 | ·877 | ·879 | ·877 | 29·839 | 6 |
| ·24 | ·916 | ·915 | ·912 | ·908 | ·910 | ·918 | ·914 | ·908 | ·908 | 29·898 | 29·905 | 7 |
| ·85 | 29·885 | 29·887 | 29·891 | 29·901 | 29·917 | 29·937 | 29·963 | 29·975 | 29·993 | 30·003 | 29·898 | 8 |
| ·78 | 30·070 | 30·060 | 30·052 | 30·046 | 30·034 | 30·040 | 30·042 | 30·036 | 30·036 | 30·030 | 30·056 | 9 |
| ·65 | 29·839 | 29·815 | 29·795 | 29·787 | 29·777 | 29·775 | 29·775 | 29·773 | 29·771 | 29·763 | 29·882 | 10 |
| ·35 | ·625 | ·621 | ·619 | ·622 | ·629 | ·639 | ·649 | ·650 | ·650 | ·649 | 29·660 | 11 |
| ·39 | ·739 | ·742 | ·751 | ·759 | ·777 | ·799 | ·812 | ·821 | ·822 | ·833 | 29·726 | 12 |
| ·54 | ·855 | ·845 | ·829 | ·841 | ·831 | ·843 | ·859 | ·854 | ·857 | ·849 | 29·852 | 13 |
| ·25 | ·813 | ·805 | ·797 | ·793 | ·795 | ·799 | ·805 | ·805 | ·806 | ·807 | 29·819 | 14 |
| ·96 | ·780 | ·773 | ·765 | ·762 | ·767 | ·778 | ·785 | ·788 | ·784 | ·785 | 29·788 | 15 |
| ·96 | ·796 | ·796 | ·796 | ·804 | ·820 | ·828 | ·838 | ·862 | ·858 | 29·866 | 29·804 | 16 |
| ·41 | 29·940 | 29·929 | 29·930 | 29·931 | 29·938 | 29·951 | 29·968 | 29·988 | 29·992 | 30·007 | 29·932 | 17 |
| ·52 | 30·050 | 30·038 | 30·036 | 30·036 | 30·040 | 30·056 | 30·063 | 30·080 | 30·080 | 30·080 | 30·050 | 18 |
| ·63 | ·060 | ·045 | ·034 | ·015 | ·004 | 29·999 | ·001 | 29·997 | 29·991 | 29·991 | 30·050 | 19 |
| ·89 | ·092 | ·096 | ·098 | ·092 | ·096 | 30·111 | ·124 | 30·124 | 30·122 | 30·120 | 30·072 | 20 |
| ·85 | 30·068 | 30·052 | 30·038 | 30·035 | 30·037 | 30·016 | 30·012 | 29·996 | 29·984 | 29·946 | 30·070 | 21 |
| ·89 | 29·788 | 29·798 | 29·795 | 29·797 | 29·802 | 29·810 | 29·816 | ·832 | ·843 | ·842 | 29·827 | 22 |
| ·98 | ·790 | ·776 | ·780 | ·765 | ·756 | ·756 | ·750 | ·746 | ·736 | ·730 | 29·801 | 23 |
| ·00 | ·801 | ·802 | ·802 | ·808 | ·805 | ·808 | ·820 | ·819 | ·820 | ·820 | 29·770 | 24 |
| ·40 | ·840 | ·826 | ·804 | ·798 | ·792 | ·792 | ·797 | ·797 | ·788 | ·776 | 29·820 | 25 |
| ·31 | ·709 | ·686 | ·673 | ·669 | ·657 | ·647 | ·649 | ·618 | ·594 | ·589 | 29·704 | 26 |
| ·74 | 29·797 | 29·825 | 29·829 | 29·866 | 29·873 | 29·901 | 29·922 | 29·951 | 29·957 | 29·972 | 29·735 | 27 |
| ·07 | 30·208 | 30·220 | 30·227 | 30·240 | 30·246 | 30·258 | 30·272 | 30·282 | 30·283 | 30·286 | 30·153 | 28 |
| ·75 | ·268 | ·260 | ·256 | ·242 | ·244 | ·244 | 30·248 | 30·250 | 30·245 | 30·226 | 30·274 | 29 |
| ·74 | 30·056 | 30·036 | 30·028 | 30·017 | 30·020 | 30·015 | 29·995 | 29·995 | 29·984 | 29·963 | 30·089 | 31 |
| ·78 | 29·766 | 29·758 | 29·750 | 29·747 | 29·750 | 29·758 | 29·767 | 29·780 | 29·783 | 29·788 | 29·818 | 31 |

## WET BULB THERMOMETER 11 FEET ABOVE GROUND

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40.6 | 40.2 | 39.9 | 39.3 | 39.6 | 42.2 | 44.5 | 44.8 | 45.6 | 46.7 | 46.2 | 47.0 | 46.8 | 45.2 | 40.8 | 45.0 | 48.2 | 46.9 | 46.3 | 45.2 | 44.6 | 43.6 | 42.8 | 43.9 | 1 |
| 42.1 | 41.9 | 40.5 | 40.5 | 40.4 | 42.7 | 45.5 | 46.6 | 46.0 | 47.9 | 48.1 | 48.7 | 47.4 | 47.8 | 44.7 | 44.7 | 45.4 | 47.5 | 47.2 | 46.9 | 46.9 | 46.7 | 46.4 | 46.2 | 2 |
| 45.7 | 45.0 | 44.0 | 44.4 | 44.2 | 44.6 | 45.1 | 45.7 | 45.3 | 46.1 | 46.6 | 46.5 | 46.3 | 45.9 | 46.1 | 45.6 | 46.5 | 45.1 | 45.2 | 45.3 | 44.9 | 44.8 | 44.0 | 45.3 | 3 |
| 45.7 | 44.7 | 44.6 | 43.0 | 44.4 | 46.0 | 46.5 | 47.0 | 47.7 | 48.7 | 49.2 | 48.7 | 48.2 | 48.4 | 48.5 | 48.5 | 48.6 | 48.9 | 47.8 | 47.3 | 47.1 | 46.6 | 46.4 | 47.1 | 4 |
| 45.7 | 44.7 | 44.3 | 43.0 | 43.5 | 44.9 | 46.7 | 48.0 | 48.2 | 49.3 | 49.7 | 49.4 | 49.3 | 49.4 | 49.0 | 49.9 | 48.6 | 47.5 | 46.1 | 45.4 | 45.3 | 45.4 | 45.5 | 46.9 | 5 |
| 45.5 | 45.8 | 45.3 | 43.9 | 43.9 | 46.4 | 47.3 | 47.0 | 44.3 | 47.0 | 49.0 | 49.2 | 49.9 | 50.2 | 49.4 | 50.0 | 49.9 | 48.5 | 46.4 | 45.6 | 44.8 | 44.1 | 43.6 | 46.8 | 6 |
| 43.6 | 43.7 | 43.5 | 43.5 | 44.0 | 46.2 | 47.2 | 47.9 | 47.0 | 49.0 | 48.0 | 48.3 | 47.8 | 48.0 | 47.9 | 47.6 | 47.2 | 46.9 | 46.0 | 45.9 | 44.9 | 44.6 | 45.0 | 46.1 | 7 |
| 45.8 | 46.0 | 46.0 | 45.3 | 44.4 | 45.0 | 46.0 | 47.1 | 47.2 | 47.7 | 47.8 | 47.0 | 47.6 | 47.3 | 47.0 | 47.1 | 46.4 | 46.0 | 45.2 | 46.0 | 46.8 | 45.6 | 44.6 | 46.3 | 8 |
| 46.0 | 44.6 | 46.0 | 42.8 | 42.8 | 44.0 | 42.6 | 42.9 | 46.0 | 45.2 | 46.0 | 45.9 | 45.5 | 44.5 | 45.2 | 45.1 | 45.3 | 44.6 | 44.4 | 44.0 | 43.1 | 42.3 | 41.9 | 44.0 | 9 |
| 39.8 | 39.4 | 38.8 | 39.7 | 40.0 | 42.0 | 42.3 | 43.0 | 43.9 | 44.0 | 44.7 | 44.8 | 44.5 | 45.2 | 46.6 | 47.0 | 47.1 | 47.0 | 47.2 | 46.9 | 45.5 | 44.5 | 44.0 | 43.7 | 10 |
| 43.7 | 43.5 | 43.3 | 43.2 | 43.2 | 43.9 | 44.0 | 44.5 | 45.5 | 45.1 | 45.5 | 46.0 | 46.2 | 46.5 | 46.9 | 46.7 | 46.3 | 46.1 | 46.5 | 47.0 | 47.4 | 47.3 | 46.9 | 45.4 | 11 |
| 46.0 | 45.9 | 45.4 | 45.6 | 45.6 | 46.5 | 46.7 | 46.9 | 47.5 | 48.5 | 49.6 | 50.0 | 49.5 | 49.0 | 49.1 | 48.5 | 48.2 | 48.9 | 48.8 | 49.0 | 48.6 | 48.3 | 48.3 | 47.8 | 12 |
| 46.2 | 46.2 | 45.6 | 45.7 | 45.6 | 46.5 | 47.0 | 47.6 | 47.9 | 48.5 | 50.0 | 49.7 | 51.2 | 51.4 | 51.5 | 51.8 | 51.2 | 51.2 | 50.8 | 50.7 | 50.2 | 50.1 | 50.1 | 48.4 | 13 |
| 49.5 | 49.2 | 48.5 | 48.0 | 47.8 | 47.8 | 48.0 | 47.7 | 47.6 | 48.0 | 48.8 | 50.0 | 51.3 | 52.2 | 52.4 | 53.0 | 53.9 | 53.8 | 53.6 | 53.7 | 54.2 | 54.1 | 54.0 | 50.7 | 14 |
| 54.6 | 53.7 | 54.0 | 54.2 | 54.2 | 54.9 | 54.4 | 56.6 | 56.0 | 56.6 | 57.4 | 58.7 | 57.2 | 58.3 | 57.8 | 58.2 | 59.4 | 59.3 | 58.8 | 58.0 | 56.6 | 55.4 | 54.4 | 56.3 | 15 |
| 51.1 | 50.8 | 50.0 | 49.6 | 49.6 | 50.1 | 50.3 | 50.3 | 50.9 | 52.0 | 52.9 | 54.4 | †53.3 | 54.3 | 53.3 | 52.9 | 52.3 | 52.2 | 52.1 | 50.8 | 50.7 | 50.4 | 48.6 | 51.4 | 16 |
| 45.9 | 44.7 | 43.1 | 42.2 | 41.5 | 42.4 | 42.3 | 43.9 | 44.4 | 46.7 | 46.9 | 48.2 | 47.6 | 48.6 | 48.6 | 49.0 | 48.0 | 48.7 | 48.5 | 48.3 | 47.2 | 46.4 | 45.6 | 46.1 | 17 |
| 44.6 | 43.7 | 42.2 | 41.4 | 40.7 | 41.7 | 41.9 | 44.5 | 45.9 | 47.4 | 48.3 | 48.4 | 48.3 | 48.0 | 48.0 | 48.4 | 48.3 | 48.3 | 49.0 | 47.2 | 46.3 | 45.7 | 46.3 | 45.8 | 18 |
| 45.6 | 45.0 | 44.3 | 44.2 | 44.9 | 48.0 | 47.9 | 49.4 | 49.2 | 49.0 | 50.3 | 50.4 | 52.8 | 51.5 | 51.9 | 51.0 | 51.6 | 51.6 | 50.6 | 50.2 | 50.9 | 51.7 | 51.7 | 49.1 | 19 |
| 52.3 | 52.0 | 51.4 | 51.3 | 51.4 | 53.2 | 53.3 | 54.2 | 53.2 | * | †53.6 | * | * | 53.0 | †51.6 | 51.0 | 50.6 | 52.4 | 52.4 | 52.6 | 52.6 | 52.4 | 52.0 | 52.4 | 20 |
| 51.7 | 51.6 | 51.4 | 50.7 | 51.1 | 51.8 | 52.8 | 54.4 | 53.8 | 53.4 | 54.4 | 54.6 | 52.5 | 51.6 | 52.0 | 52.8 | 51.3 | 51.5 | 51.3 | 49.7 | 48.4 | 48.1 | 49.0 | 51.7 | 21 |
| 48.9 | 49.4 | 49.6 | 50.6 | 50.7 | 51.0 | 52.1 | 53.2 | 52.9 | 51.0 | 51.4 | 52.6 | 52.4 | 52.7 | 52.1 | 52.7 | 51.9 | 51.5 | 50.3 | 49.8 | 49.9 | 49.7 | 49.5 | 51.0 | 22 |
| 49.6 | 49.4 | 48.9 | 48.4 | 48.9 | 50.3 | 50.8 | 51.4 | 51.6 | 52.7 | 54.3 | 54.2 | 53.2 | 52.5 | 52.2 | 51.7 | 51.4 | 51.4 | 51.4 | 51.7 | 51.6 | 51.4 | 51.3 | 51.2 | 23 |
| 51.2 | 51.3 | 51.1 | 51.0 | 51.3 | 52.0 | 52.7 | 53.2 | 53.8 | 54.7 | 54.7 | 55.6 | 55.2 | 55.3 | 54.5 | 53.9 | 53.4 | 53.0 | 52.5 | 52.2 | 52.4 | 51.8 | 52.0 | 52.9 | 24 |
| 57.5 | 57.2 | 51.0 | 50.7 | 51.1 | 52.1 | 51.6 | 53.0 | 54.2 | 56.4 | 56.0 | 54.7 | 53.6 | 53.8 | 53.4 | 52.7 | 51.5 | 50.4 | 49.7 | 49.7 | 49.3 | 49.0 | 49.1 | 51.9 | 25 |
| 49.7 | 50.2 | 50.8 | 51.7 | 52.3 | 53.1 | 52.7 | 53.3 | 53.9 | 54.4 | 55.4 | 55.0 | 55.6 | 56.3 | 56.6 | 54.5 | 55.6 | 55.9 | 55.3 | 56.3 | 54.7 | 54.7 | 54.9 | 53.8 | 26 |
| 54.9 | 54.0 | 54.2 | 54.0 | 52.5 | 51.3 | 51.0 | 50.2 | 49.6 | 50.1 | 49.0 | 49.0 | 48.8 | 49.5 | 48.9 | 48.3 | 47.7 | 48.3 | 47.4 | 46.2 | 45.6 | 44.6 | 44.4 | 49.8 | 27 |
| 44.4 | 44.4 | 44.4 | 44.5 | 46.3 | 47.8 | 49.0 | 48.4 | 48.6 | 49.3 | 48.7 | 49.0 | * | * | †47.7 | 48.2 | 47.9 | 48.2 | 47.3 | 46.7 | 46.9 | 46.5 | 45.4 | 47.1 | 28 |
| 45.7 | 44.7 | 44.8 | 45.1 | 46.4 | 48.9 | 49.4 | 50.5 | 49.9 | 50.3 | 50.3 | 50.0 | 50.9 | 51.0 | 50.6 | 51.3 | 50.0 | 49.0 | 48.6 | 47.5 | 46.5 | 45.7 | 45.7 | 46.3 | 29 |
| 45.1 | 45.0 | 44.4 | 45.5 | 46.0 | 46.9 | 46.4 | 49.7 | 50.7 | 51.2 | 50.7 | 50.1 | 50.3 | 50.2 | 49.9 | 50.3 | 50.4 | 49.7 | 46.2 | 46.9 | 47.3 | 46.9 | 46.0 | 48.5 | 30 |
| 47.8 | 47.7 | 47.9 | 48.4 | 48.9 | 49.7 | 50.4 | 51.2 | 52.9 | 54.3 | 53.0 | 53.5 | 52.9 | 53.5 | 53.0 | 51.2 | 51.7 | 50.6 | 49.5 | 49.0 | 48.9 | 48.9 | 48.0 | 50.4 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# FALMOUTH OBSERVATORY LAT: 50° 9′ N. LONG: 5° 4′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | MIDT D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 1 | 6 | 3 | 5.5 | 1 | 6.5 | 1 | 6.5 | 1 | 6.5 | 1 | 5.5 | 1 | 4 | 1 | 4.5 | 2 | 4.5 | 11 | 8.5 | 13 | 12 | 13 | 10.5 | 15 |
| 2 | 27 | 5.5 | 27 | 6.5 | 27 | 4 | 27 | 5.5 | 27 | 4 | 27 | 5.5 | 27 | 4.5 | 27 | 4.5 | 30 | 5.5 | 10 | 8.5 | 10 | 8.5 | 10 | 6.5 | 13 |
| 3 | 30 | 13 | 24 | 22 | 30 | 24 | 30 | 24 | 31 | 22 | 30 | 24 | 30 | 26 | 31 | 27 | 31 | 29 | 31 | 26 | 31 | 30 | 31 | 26 | 31 |
| 4 | 1 | 9.5 | 3 | 8.5 | 1 | 7.5 | 1 | 6.5 | 1 | 8.5 | 1 | 9.5 | 8 | 12 | 7 | 10.5 | 8 | 12 | 7 | 12 | 10 | 13 | 13 | 12 | 13 |
| 5 | 2 | 10.5 | 2 | 9.5 | 2 | 5.5 | 2 | 6.5 | 2 | 5.5 | 2 | 7.5 | 1 | 10.5 | 1 | 12 | 2 | 20 | 2 | 16 | 31 | 20 | 1 | 15 | 1 |
| 6 | 31 | 10.5 | 31 | 7.5 | 31 | 5.5 | 31 | 7.5 | 31 | 9.5 | 31 | 10.5 | 31 | 13 | 31 | 19 | 1 | 20 | 1 | 18 | 31 | 18 | 32 | 21 | 31 |
| 7 | 30 | 19 | 29 | 16 | 29 | 16 | 29 | 13 | 24 | 14 | 29 | 12 | 30 | 9.5 | 32 | 7.5 | 6 | 9.5 | 9 | 11 | 9 | 14 | 12 | 16 | 13 |
| 8 | 19 | 5.5 | 19 | 5.5 | 19 | 7.5 | 18 | 10.5 | 17 | 10.5 | 17 | 10.5 | 17 | 11 | 16 | 13 | 16 | 13 | 16 | 12 | 15 | 13 | 15 | 13 | 14 |
| 9 | 11 | 15 | 11 | 12 | 11 | 7.5 | 11 | 5.5 | 4 | 8.5 | 2 | 7.5 | 3 | 13 | 6 | 20 | 8 | 20 | 8 | 16 | 9 | 16 | 10 | 14 | 11 |
| 10 | 3 | 4.5 | 3 | 5.5 | 3 | 4 | 3 | 5.5 | 3 | 6.5 | 3 | 7.5 | 3 | 9.5 | 3 | 10.5 | 6 | 15 | 9 | 12 | 9 | 9.5 | 12 | 6.5 | 13 |
| 11 | 13 | 4 | 13 | 4.5 | 12 | 10.5 | 12 | 6.6 | 12 | 6.5 | 12 | 7.5 | 11 | 10.5 | 9 | 11 | 8 | 13 | 8 | 15 | 11 | 22 | 9 | 20 | 10 |
| 12 | 8 | 22 | 8 | 24 | 7 | 21 | 7 | 20 | 7 | 23 | 7 | 24 | 8 | 26 | 7 | 25 | 8 | 26 | 8 | 25 | 7 | 26 | 9 | 22 | 9 |
| 13 | 9 | 19 | 9 | 19 | 8 | 19 | 9 | 16 | 8 | 12 | 8 | 11 | 6 | 10.5 | 8 | 13 | 9 | 18 | 9 | 15 | 9 | 22 | 9 | 22 | 8 |
| 14 | 9 | 21 | 9 | 22 | 8 | 30 | 7 | 30 | 7 | 26 | 9 | 27 | 9 | 22 | 9 | 19 | 10 | 23 | 9 | 20 | 9 | 25 | 10 | 20 | 10 |
| 15 | 8 | 6.5 | 7 | 21 | 7 | 25 | 7 | 21 | 7 | 22 | 7 | 7.5 | 4 | 5.5 | 9 | 10.5 | 11 | 10.5 | 9 | 18 | 9 | 23 | 10 | 11 | 10 |
| 16 | 6 | 21 | 6 | 23 | 6 | 25 | 6 | 28 | 6 | 29 | 6 | 34 | 6 | 36 | 7 | 38 | 7 | 39 | 7 | 38 | 7 | 41 | 7 | 31 | 7 |
| 17 | 7 | 23 | 7 | 22 | 8 | 25 | 7 | 25 | 7 | 30 | 7 | 30 | 8 | 26 | 8 | 26 | 9 | 24 | 8 | 23 | 9 | 28 | 9 | 23 | 9 |
| 18 | 3 | 18 | 5 | 20 | 5 | 16 | 5 | 13 | 4 | 14 | 1 | 16 | 4 | 21 | 4 | 18 | 5 | 19 | 8 | 15 | 8 | 14 | 9 | 10.5 | 11 |
| 19 | 31 | 4 | 3 | 5.5 | 3 | 4 | 3 | 4.5 | 3 | 4 | 3 | 3 | 3 | 3 | 7 | 7.5 | 13 | 8.5 | 13 | 7.5 | 13 | 7.5 | 14 | 9.5 | 15 |
| 20 | 30 | 18 | 31 | 16 | 31 | 19 | 31 | 13 | 30 | 19 | 30 | 18 | 30 | 14 | 31 | 17 | 30 | 24 | 30 | 24 | 30 | 28 | 30 | 22 | 30 |
| 21 | 29 | 19 | 29 | 19 | 29 | 16 | 29 | 15 | 29 | 11 | 29 | 16 | 28 | 19 | 29 | 18 | 28 | 19 | 29 | 16 | 29 | 17 | 26 | 15 | 27 |
| 22 | 25 | 17 | 26 | 21 | 25 | 20 | 25 | 22 | 25 | 22 | 26 | 26 | 26 | 25 | 26 | 28 | 25 | 32 | 26 | 31 | 26 | 34 | 26 | 32 | 26 |
| 23 | 26 | 17 | 26 | 16 | 26 | 16 | 25 | 16 | 25 | 16 | 26 | 14 | 25 | 13 | 24 | 15 | 24 | 21 | 23 | 20 | 22 | 29 | 22 | 24 | 22 |
| 24 | 21 | 26 | 21 | 26 | 21 | 29 | 21 | 28 | 21 | 27 | 21 | 24 | 21 | 26 | 22 | 28 | 21 | 30 | 22 | 26 | 22 | 29 | 21 | 25 | 21 |
| 25 | 20 | 17 | 20 | 13 | 19 | 17 | 19 | 17 | 19 | 11 | 20 | 11 | 20 | 12 | 19 | 13 | 19 | 14 | 19 | 12 | 19 | 14 | 15 | 16 | 15 |
| 26 | 17 | 10.5 | 17 | 12 | 17 | 9.5 | 17 | 11 | 17 | 6.5 | 17 | 12 | 17 | 4.5 | 14 | 12 | 16 | 10.5 | 16 | 7.5 | 13 | 12 | 14 | 9.5 | 14 |
| 27 | 29 | 6.5 | 26 | 5.5 | 22 | 7.5 | 22 | 4.5 | 22 | 5.5 | 27 | 12 | 29 | 16 | 29 | 14 | 30 | 24 | 30 | 29 | 29 | 28 | 29 | 25 | 27 |
| 28 | 25 | 12 | 25 | 14 | 25 | 12 | 25 | 14 | 25 | 12 | 25 | 12 | 26 | 15 | 26 | 19 | 26 | 18 | 26 | 21 | 26 | 21 | 27 | 18 | 28 |
| 29 | 25 | 7.5 | 25 | 6.5 | 26 | 8.5 | 26 | 11 | 26 | 6.6 | 26 | 2 | 26 | 7.5 | 26 | 7.5 | 26 | 7.5 | 29 | 4.5 | 28 | 5.5 | 30 | 8.5 | 29 |
| 30 | 29 | 2 | 29 | 2 | 29 | 1.5 | 29 | 1.5 | 29 | 1.5 | 29 | 2 | 29 | 4 | 29 | 8.5 | 16 | 15 | 16 | 15 | 15 | 15 | 16 | 13 | 15 |
| 31 | 18 | 12 | 18 | 11 | 18 | 10.5 | 19 | 10.5 | 19 | 11 | 18 | 7.5 | 18 | 7.5 | 17 | 9.5 | 17 | 12 | 17 | 12 | 16 | 10.5 | 15 | 12 | 15 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 167 FEET. }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 2 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 3 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 4 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 5 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 6 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 7 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 8 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 9 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 10 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | .020 | .060 | .025 | · | .025 | .005 | .010 |
| 11 | .010 | .005 | · | .005 | · | .005 | · | · | · | · | .005 | .005 | · | · | · | · | · | · | · | · | · | · | · | · |
| 12 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 13 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 14 | · | · | · | · | .005 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 15 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 16 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 17 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 18 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 19 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 20 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 21 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 22 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 23 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 24 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | .020 | · | · | · | .015 |
| 25 | .060 | .045 | .080 | .035 | .005 | .010 | .030 | .105 | .045 | .060 | · | · | · | · | · | · | · | · | · | · | · | · | · | .005 |
| 26 | · | · | · | · | · | · | · | .005 | .015 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 27 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · |
| 28 | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | · | .030 | .030 | .030 | .015 | .015 |
| 29 | .010 | .015 | .030 | - | - | - | .105 | - | - | - | · | · | · | · | .095 | · | · | · | .010 | · | .005 | .020 | .010 | .060 |

* Record defective or Instrument out of action † Obtained from reading of Standard. ‡ Approximate

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | | |
| 7.5 | 15 | 7.5 | 15 | 6.5 | 15 | 6.5 | 23 | 8.5 | 27 | 8.5 | 27 | 9.5 | 27 | 8.5 | 27 | 8.5 | 27 | 7.5 | 27 | 8.5 | | 1 |
| 1.5 | 13 | 5.5 | 31 | 17 | 31 | 21 | 30 | 20 | 30 | 21 | 30 | 22 | 30 | 25 | 30 | 24 | 30 | 21 | 29 | 20 | | 2 |
| 28 | 31 | 22 | 31 | 20 | 32 | 17 | 31 | 19 | 32 | 15 | 32 | 12 | 31 | 12 | 31 | 11 | 31 | 7.5 | 31 | 7.5 | | 3 |
| 2 | 12 | 11 | 13 | 6.5 | 12 | 4.5 | 12 | 2 | 12 | 2 | 12 | 4.5 | 1 | 9.5 | 1 | 11 | 32 | 8.5 | 1 | 9.5 | | 4 |
| 25 | 30 | 23 | 30 | 26 | 30 | 25 | 30 | 28 | 30 | 24 | 31 | 22 | 31 | 20 | 31 | 19 | 30 | 20 | 30 | 16 | | 5 |
| 7.5 | 31 | 16 | 30 | 25 | 30 | 26 | 31 | 25 | 31 | 24 | 31 | 22 | 31 | 26 | 32 | 19 | 31 | 19 | 30 | 21 | | 6 |
| 4 | 16 | 12 | 15 | 11 | 16 | 10.5 | 16 | 10.5 | 16 | 7.5 | 17 | 7.5 | 18 | 7.5 | 19 | 8.5 | 19 | 9.5 | 19 | 8.5 | | 7 |
| 1 | 13 | 9.5 | 14 | 5.5 | 14 | 5.5 | 14 | 3 | 14 | 2 | 14 | 2 | 14 | 3 | 14 | 3 | 14 | 5.5 | 12 | 13 | | 8 |
| 3 | 11 | 9.5 | 13 | 7.5 | 13 | 4.5 | 13 | 4 | 13 | 4 | 13 | 4 | 13 | 4. | 13 | 4.5 | 13 | 3 | 13 | 5.5 | | 9 |
| 5.5 | 13 | 5.5 | 13 | 6.5 | 30 | 9.5 | 31 | 7.5 | 32 | 6.5 | 32 | 8.5 | 2 | 8.5 | 12 | 9.5 | 13 | 9.5 | 13 | 6.5 | | 10 |
| 23 | 10 | 23 | 9 | 20 | 9 | 18 | 9 | 16 | 9 | 16 | 9 | 14 | 8 | 14 | 8 | 16 | 7 | 21 | 7 | 22 | | 11 |
| 24 | 9 | 22 | 9 | 21 | 10 | 26 | 10 | 25 | 8 | 17 | 8 | 18 | 7 | 13 | 7 | 11 | 7 | 14 | 8 | 17 | | 12 |
| 18 | 11 | 20 | 12 | 14 | 9 | 14 | 11 | 14 | 9 | 20 | 9 | 17 | 9 | 14 | 8 | 19 | 9 | 18 | 9 | 19 | | 13 |
| 10.5 | 11 | 9.5 | 10 | 12 | 11 | 8.5 | 10 | 6.5 | 8 | 8.5 | 7 | 12 | 6 | 21 | 7 | 19 | 7 | 16 | 8 | 14 | | 14 |
| 15 | 8 | 18 | 7 | 19 | 6 | 17 | 4 | 15 | 4 | 17 | 3 | 18 | 3 | 15 | 5 | 22 | 6 | 26 | 6 | 30 | | 15 |
| 24 | 8 | 17 | 9 | 19 | 8 | 23 | 7 | 21 | 8 | 15 | 8 | 14 | 7 | 14 | 5 | 13 | 6 | 23 | 6 | 23 | | 16 |
| 20 | 8 | 14 | 10 | 9.5 | 9 | 8.5 | 9 | 6.5 | 9 | 7.5 | 7 | 7.5 | 3 | 13 | 3 | 17 | 3 | 20 | 3 | 16 | | 17 |
| 9.5 | 15 | 8.5 | 15 | 9.5 | 15 | 5.5 | 15 | 5.5 | 15 | 4 | 2 | 9.5 | 31 | 14 | 31 | 12 | 31 | 12 | 31 | 8.5 | | 18 |
| 5.5 | 28 | 15 | 27 | 15 | 28 | 18 | 28 | 18 | 28 | 16 | 28 | 19 | 28 | 21 | 28 | 20 | 28 | 20 | 30 | 18 | | 19 |
| 25 | 30 | 24 | 30 | 28 | 30 | 25 | 30 | 28 | 31 | 24 | 31 | 21 | 30 | 24 | 30 | 25 | 29 | 21 | 29 | 21 | | 20 |
| 19 | 28 | 22 | 27 | 22 | 27 | 19 | 27 | 13 | 26 | 10.5 | 26 | 17 | 26 | 18 | 26 | 11 | 22 | 11 | 25 | 24 | | 21 |
| 29 | 26 | 28 | 26 | 28 | 26 | 28 | 26 | 26 | 26 | 23 | 24 | 21 | 26 | 17 | 26 | 19 | 26 | 18 | 26 | 19 | | 22 |
| 35 | 22 | 35 | 21 | 34 | 21 | 30 | 21 | 29 | 22 | 29 | 22 | 24 | 20 | 29 | 21 | 29 | 21 | 30 | 20 | 26 | | 23 |
| 25 | 21 | 20 | 21 | 20 | 20 | 18 | 20 | 19 | 20 | 20 | 20 | 18 | 21 | 18 | 21 | 19 | 21 | 16 | 20 | 16 | | 24 |
| 17 | 15 | 15 | 15 | 15 | 15 | 12 | 16 | 16 | 15 | 13 | 15 | 10.5 | 17 | 13 | 17 | 12 | 17 | 11 | 17 | 8.5 | | 25 |
| 6.5 | 14 | 3 | 14 | 4 | 14 | 7.5 | 21 | 6.5 | 28 | 9.5 | 28 | 10.5 | 20 | 5.5 | 29 | 8.5 | 32 | 5.5 | 1 | 3 | | 26 |
| 23 | 27 | 21 | 26 | 21 | 26 | 21 | 26 | 19 | 26 | 16 | 26 | 11 | 26 | 12 | 26 | 12 | 26 | 12 | 25 | 12 | | 27 |
| 17 | 27 | 16 | 26 | 17 | 26 | 16 | 27 | 14 | 26 | 12 | 26 | 8.5 | 26 | 9.5 | 26 | 11 | 26 | 11 | 26 | 7.5 | | 28 |
| 12 | 29 | 12 | 29 | 9.5 | 29 | 10.5 | 29 | 10.5 | 29 | 10.5 | 29 | 7.5 | 29 | 5.5 | 29 | 4.5 | 29 | 4.5 | 29 | 2 | | 29 |
| 12 | 16 | 12 | 16 | 10.5 | 16 | 9.5 | 16 | 6.5 | 16 | 6.5 | 16 | 7.5 | 18 | 12 | 18 | 10.5 | 18 | 9.5 | 18 | 11 | | 30 |
| 8.5 | 16 | 3 | 10 | 4 | 7 | 9.5 | 5 | 7.5 | 7 | 13 | 7 | 11 | 7 | 12 | 7 | 13 | 7 | 17 | 8 | 18 | | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 221 | 220 | 217 | 213 | 216 | 219 | 241 | 229 | 236 | 256 | 249 | 259 | 263 | 222 | 156 | 217 | 268 | 269 | 283 | 279 | 277 | 266 | 257 | 1 |
| 247 | 251 | 237 | 236 | 236 | 248 | 270 | 241 | 243 | 280 | 281 | 293 | 272 | 268 | 284 | 208 | 235 | 292 | 295 | 294 | 300 | 299 | 296 | 2 |
| 287 | 276 | 266 | 273 | 265 | 257 | 258 | 259 | 248 | 284 | 261 | 243 | 242 | 265 | 273 | 277 | 270 | 262 | 271 | 277 | 274 | 273 | 265 | 3 |
| 278 | 269 | 264 | 264 | 262 | 281 | 287 | 281 | 283 | 290 | 303 | 295 | 291 | 294 | 290 | 286 | 289 | 297 | 289 | 289 | 281 | 281 | 285 | 4 |
| 273 | 268 | 261 | 253 | 255 | 258 | 264 | 267 | 264 | 282 | 279 | 265 | 269 | 284 | 278 | 306 | 290 | 285 | 267 | 261 | 265 | 269 | 269 | 5 |
| 272 | 273 | 270 | 266 | 266 | 279 | 278 | 252 | 198 | 231 | 263 | 265 | 299 | 297 | 272 | 296 | 303 | 289 | 268 | 266 | 253 | 254 | 246 | 6 |
| 255 | 260 | 261 | 262 | 268 | 282 | 281 | 281 | 276 | 309 | 288 | 292 | 280 | 278 | 281 | 277 | 278 | 275 | 276 | 277 | 271 | 272 | 276 | 7 |
| 291 | 294 | 288 | 270 | 249 | 254 | 265 | 269 | 268 | 273 | 273 | 253 | 263 | 261 | 262 | 260 | 267 | 251 | 240 | 255 | 272 | 259 | 247 | 8 |
| 263 | 263 | 265 | 261 | 262 | 245 | 213 | 214 | 224 | 237 | 245 | 245 | 241 | 240 | 239 | 244 | 237 | 238 | 239 | 235 | 231 | 231 | 227 | 9 |
| 215 | 216 | 205 | 205 | 206 | 215 | 212 | 208 | 211 | 220 | 231 | 234 | 236 | 251 | 267 | 277 | 286 | 303 | 302 | 299 | 286 | 271 | 266 | 10 |
| 261 | 258 | 258 | 253 | 249 | 258 | 253 | 255 | 265 | 277 | 267 | 263 | 260 | 270 | 276 | 277 | 270 | 270 | 288 | 298 | 299 | 293 | 284 | 11 |
| 269 | 266 | 257 | 265 | 266 | 272 | 270 | 274 | 274 | 279 | 292 | 297 | 293 | 276 | 278 | 272 | 271 | 293 | 295 | 298 | 284 | 281 | 287 | 12 |
| 264 | 270 | 272 | 271 | 264 | 274 | 263 | 273 | 272 | 284 | 299 | 296 | 305 | 307 | 312 | 314 | 319 | 313 | 320 | 330 | 328 | 328 | 334 | 13 |
| 321 | 314 | 303 | 301 | 300 | 303 | 309 | 309 | 308 | 310 | 321 | 332 | 340 | 348 | 347 | 350 | 362 | 368 | 368 | 360 | 372 | 371 | 376 | 14 |
| 383 | 367 | 372 | 376 | 380 | 387 | 368 | 394 | 382 | 393 | 400 | 414 | 395 | 409 | 401 | 399 | 409 | 415 | 425 | 418 | 397 | 379 | 362 | 15 |
| 319 | 320 | 307 | 302 | 298 | 304 | 303 | 297 | 303 | 312 | 319 | 340 | 306 | 330 | 318 | 310 | 299 | 313 | 306 | 298 | 298 | 301 | 274 | 16 |
| 246 | 235 | 222 | 215 | 216 | 226 | 221 | 233 | 234 | 256 | 257 | 272 | 259 | 283 | 284 | 289 | 280 | 292 | 296 | 284 | 265 | 258 | 249 | 17 |
| 247 | 237 | 219 | 208 | 202 | 187 | 186 | 219 | 239 | 260 | 267 | 267 | 270 | 270 | 271 | 276 | 279 | 279 | 282 | 278 | 265 | 259 | 257 | 18 |
| 245 | 250 | 242 | 241 | 246 | 274 | 259 | 289 | 282 | 282 | 302 | 295 | 328 | 289 | 299 | 289 | 318 | 336 | 329 | 319 | 326 | 345 | 351 | 19 |
| 353 | 352 | 351 | 351 | 347 | 354 | 328 | 338 | 302 | * | 314 | * | * | 299 | 284 | 272 | 275 | 313 | 328 | 345 | 348 | 350 | 350 | 20 |
| 353 | 353 | 348 | 347 | 341 | 338 | 329 | 336 | 332 | 312 | 331 | 328 | 297 | 292 | 312 | 337 | 306 | 320 | 342 | 310 | 284 | 286 | 297 | 21 |
| 304 | 319 | 325 | 347 | 343 | 329 | 329 | 347 | 340 | 319 | 313 | 333 | 333 | 344 | 339 | 341 | 342 | 338 | 327 | 327 | 333 | 329 | 332 | 22 |
| 332 | 332 | 327 | 313 | 321 | 331 | 333 | 335 | 338 | 355 | 352 | 350 | 336 | 335 | 328 | 330 | 333 | 342 | 344 | 353 | 354 | 348 | 342 | 23 |
| 342 | 345 | 344 | 338 | 339 | 340 | 365 | 364 | 365 | 375 | 379 | 381 | 383 | 384 | 377 | 369 | 368 | 371 | 362 | 361 | 371 | 359 | 364 | 24 |
| 354 | 347 | 348 | 337 | 342 | 353 | 333 | 332 | 343 | 358 | 365 | 370 | 358 | 365 | 361 | 358 | 343 | 335 | 328 | 336 | 328 | 325 | 330 | 25 |
| 341 | 348 | 356 | 373 | 384 | 397 | 388 | 402 | 403 | 405 | 418 | 409 | 412 | 423 | 433 | 409 | 425 | 431 | 425 | 412 | 419 | 419 | 423 | 26 |
| 423 | 411 | 414 | 408 | 384 | 368 | 361 | 353 | 337 | 338 | 291 | 286 | 275 | 289 | 277 | 265 | 261 | 276 | 277 | 273 | 273 | 258 | 260 | 27 |
| 261 | 261 | 260 | 261 | 278 | 279 | 282 | 272 | 272 | 281 | 267 | 274 | * | * | 249 | 258 | 259 | 275 | 274 | 276 | 274 | 264 | 269 | 28 |
| 275 | 269 | 269 | 272 | 286 | 296 | 285 | 301 | 285 | 288 | 283 | 278 | 290 | 296 | 286 | 300 | 290 | 284 | 292 | 291 | 279 | 272 | 276 | 29 |
| 269 | 271 | 275 | 287 | 288 | 310 | 308 | 295 | 313 | 321 | 310 | 322 | 310 | 314 | 315 | 308 | 321 | 332 | 329 | 285 | 298 | 294 | 312 | 30 |
| 308 | 319 | 324 | 331 | 340 | 349 | 358 | 370 | 365 | 402 | 354 | 389 | 365 | 380 | 376 | 344 | 362 | 360 | 342 | 331 | 330 | 333 | 316 | 31 |

Meteorological Office,
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ROBERT H. SCOTT, Secretary.

# STONYHURST OBSERVATORY LAT: 53° 51′ N. LONG: 2° 28

## BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 29.442 | 29.423 | 29.409 | 29.399 | 29.395 | 29.381 | 29.381 | 29.377 | 29.359 | 29.333 | 29.298 | 29.281 | 29. |
| 2 | .363 | .338 | .325 | .313 | .318 | .317 | .317 | .317 | .315 | .307 | .298 | .288 | . |
| 3 | .293 | .285 | .275 | .266 | .267 | .271 | .271 | .277 | .275 | .277 | .283 | .286 | . |
| 4 | .540 | .532 | .562 | .579 | .592 | .612 | .626 | .636 | .638 | .641 | .643 | .653 | . |
| 5 | .717 | .713 | .703 | .709 | .713 | .717 | .725 | .730 | .725 | .717 | .700 | .694 | . |
| 6 | .728 | .713 | .718 | .716 | .722 | .725 | .728 | .724 | .710 | .699 | .698 | .689 | . |
| 7 | .770 | .774 | .775 | --- | --- | --- | --- | .776 | .769 | .768 | .766 | .756 | . |
| 8 | .714 | .712 | .710 | .708 | .708 | .718 | .726 | .740 | .743 | .748 | .751 | .757 | . |
| 9 | .935 | .939 | .943 | .949 | .959 | .973 | .977 | .977 | .979 | .979 | .974 | .964 | . |
| 10 | .862 | .849 | .822 | .800 | .786 | .780 | .766 | .762 | .746 | .736 | .720 | .707 | . |
| 11 | .663 | .651 | .647 | .641 | .637 | .633 | .631 | .635 | .627 | .625 | .618 | .625 | . |
| 12 | .769 | .714 | .720 | .728 | .733 | .742 | .749 | .756 | .774 | .776 | .770 | .778 | . |
| 13 | .831 | .821 | .829 | .836 | .844 | .856 | .861 | .861 | .867 | .865 | .862 | .852 | . |
| 14 | .576 | .564 | .564 | .562 | .552 | .564 | .560 | .568 | .556 | .534 | .523 | .516 | . |
| 15 | .824 | .838 | .843 | .848 | .843 | .840 | .846 | .844 | .842 | .852 | .858 | .866 | . |
| 16 | .864 | .858 | .859 | .836 | .858 | .862 | .861 | .868 | .866 | .872 | .866 | .860 | . |
| 17 | .923 | .932 | .926 | .924 | .928 | .932 | .932 | .932 | .928 | .929 | .928 | .920 | . |
| 18 | .958 | .961 | .966 | .964 | .968 | .974 | .977 | .974 | .972 | .962 | .951 | .939 | . |
| 19 | .877 | .875 | .853 | .855 | .849 | .839 | .831 | .823 | .819 | .801 | .791 | .780 | . |
| 20 | .771 | .777 | .783 | .788 | .787 | .795 | .815 | .815 | .823 | .827 | .828 | .841 | . |
| 21 | .872 | .869 | .859 | .859 | .851 | .845 | .853 | .834 | .835 | .833 | .824 | .812 | . |
| 22 | .528 | .500 | .462 | .427 | .394 | .372 | .358 | .362 | .354 | .349 | .342 | .347 | . |
| 23 | .466 | .470 | .450 | .448 | .444 | .438 | .427 | .416 | .397 | .385 | .379 | .365 | . |
| 24 | .205 | .201 | .192 | .182 | .175 | .175 | .223 | .247 | .279 | .314 | .339 | .371 | . |
| 25 | .527 | .529 | .532 | .543 | .550 | .563 | .561 | .571 | .585 | .584 | .595 | .591 | . |
| 26 | .493 | .479 | .461 | .451 | .455 | .457 | .448 | .453 | .459 | .473 | .460 | .474 | . |
| 27 | .434 | .418 | .403 | .396 | .382 | .379 | .386 | .382 | .388 | .392 | .401 | .422 | . |
| 28 | .628 | .643 | .653 | .667 | .677 | .685 | 29.698 | 29.713 | 29.735 | 29.751 | 29.765 | 29.784 | 29. |
| 29 | .936 | .944 | .952 | .962 | .986 | .998 | 30.014 | 30.039 | 30.042 | 30.048 | 30.053 | 30.061 | 30. |
| 30 | .994 | .978 | .969 | .957 | .941 | .933 | 29.921 | 29.911 | 29.895 | 29.878 | 29.861 | 29.848 | 29. |
| 31 | 29.729 | 29.716 | 29.704 | 29.691 | 29.691 | 29.693 | 29.647 | 29.697 | 29.693 | 29.693 | 29.701 | 29.706 | 29. |

## DRY BULB THERMOMETER

7 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 38.0 | 37.2 | 37.9 | 36.6 | 36.1 | 36.3 | 42.3 | 41.6 | 48.9 | 51.1 | 54.4 | 56.3 | 57.3 | 57.0 | 57.4 | 57.1 | 57.4 | 55.6 | 52.2 | 48.6 | 45.8 | 44.5 | 43.0 | 42.3 |
| 2 | 41.0 | 38.3 | 38.1 | 37.0 | 36.3 | 37.2 | 41.5 | 45.4 | 51.1 | 54.7 | 56.0 | 58.3 | 59.0 | 58.3 | 58.4 | 57.0 | 55.0 | 52.8 | 51.2 | 49.2 | 48.7 | 47.6 | 47.6 | 47.4 |
| 3 | 47.0 | 46.2 | 45.9 | 44.2 | 44.1 | 45.4 | 47.2 | 47.5 | 47.9 | 49.1 | 49.5 | 50.2 | 50.0 | 48.5 | 51.0 | 50.7 | 50.7 | 48.2 | 45.7 | 43.6 | 42.4 | 42.1 | 41.9 | 41.1 |
| 4 | 41.2 | 41.8 | 42.9 | 42.9 | 42.9 | 43.8 | 45.1 | 47.1 | 50.4 | 51.0 | 53.8 | 52.3 | 53.4 | 51.6 | 52.1 | 50.8 | 50.1 | 49.1 | 46.2 | 46.5 | 46.4 | 45.3 | 44.5 | 44.9 |
| 5 | 43.9 | 42.1 | 41.9 | 41.6 | 42.0 | 42.0 | 43.9 | 47.0 | 50.2 | 52.5 | 54.8 | 56.0 | 58.1 | 59.4 | 59.2 | 57.2 | 55.1 | 53.6 | 51.0 | 46.0 | 46.0 | 44.2 | 42.3 | 41.9 |
| 6 | 41.2 | 39.1 | 40.0 | 39.1 | 38.0 | 41.6 | 44.3 | 48.3 | 53.0 | 55.2 | 55.3 | 54.1 | 55.1 | 56.0 | 58.3 | 54.0 | 53.0 | 47.4 | 46.4 | 45.0 | 43.1 | 41.0 | 40.2 | 39.4 |
| 7 | 38.2 | 37.7 | 36.8 | --- | --- | --- | 42.0 | 45.5 | 49.3 | 46.8 | 47.8 | 49.3 | 49.0 | 49.0 | 51.6 | 52.3 | 52.2 | 52.4 | 49.4 | 46.8 | 44.1 | 40.3 | 39.7 | 40.2 |
| 8 | 40.2 | 40.5 | 40.8 | 40.4 | 41.0 | 41.0 | 43.0 | 45.4 | 49.0 | 51.1 | 53.2 | 53.2 | 54.6 | 56.2 | 56.3 | 56.5 | 55.7 | 51.5 | 48.6 | 45.0 | 43.9 | 42.8 | 41.1 | 40.0 |
| 9 | 38.2 | 37.9 | 36.5 | 35.7 | 36.4 | 39.7 | 42.9 | 45.9 | 49.1 | 49.6 | 51.0 | 53.3 | 53.2 | 53.5 | 53.3 | 52.4 | 52.2 | 50.4 | 50.2 | 49.5 | 46.5 | 46.0 | 45.1 | 44.0 |
| 10 | 41.7 | 42.0 | 42.8 | 42.0 | 42.1 | 42.7 | 43.2 | 45.2 | 47.2 | 47.0 | 48.4 | 49.8 | 51.3 | 49.7 | 50.8 | 51.5 | 50.3 | 47.8 | 47.7 | 46.5 | 46.4 | 46.5 | 44.8 | 44.5 |
| 11 | 44.0 | 44.2 | 44.1 | 43.3 | 43.2 | 43.9 | 44.9 | 46.2 | 47.9 | 48.4 | 49.1 | 49.8 | 52.1 | 52.6 | 57.0 | 51.2 | 52.1 | 51.0 | 49.1 | 47.5 | 46.6 | 46.1 | 45.8 | 45.2 |
| 12 | 44.4 | 43.9 | 43.9 | 43.4 | 43.1 | 44.1 | 44.5 | 46.2 | 47.0 | 48.3 | 50.4 | 51.7 | 53.0 | 53.0 | 53.3 | 52.3 | 50.3 | 48.8 | 47.1 | 46.5 | 45.7 | 45.0 | 44.5 | 44.0 |
| 13 | 43.0 | 41.2 | 40.6 | 39.2 | 39.6 | 42.1 | 46.0 | 47.6 | 50.0 | 51.6 | 52.5 | 54.9 | 56.2 | 57.7 | 58.1 | 58.6 | 58.3 | 56.6 | 53.9 | 50.0 | 48.4 | 47.2 | 46.8 | 46.1 |
| 14 | 46.6 | 44.1 | 44.9 | 44.1 | 43.9 | 46.6 | 50.0 | 52.6 | 54.4 | 54.9 | 59.4 | 60.1 | 60.0 | 59.0 | 59.0 | 62.0 | 59.6 | 58.3 | 55.0 | 51.2 | 49.6 | 48.6 | 48.1 | 48.4 |
| 15 | 48.0 | 46.9 | 46.5 | 46.5 | 46.6 | 49.5 | 51.2 | 53.0 | 55.8 | 53.2 | 56.7 | 57.7 | 56.3 | 57.1 | 57.5 | 57.2 | 54.3 | 52.2 | 50.5 | 48.0 | 46.2 | 46.0 | 45.2 | 45.4 |
| 16 | 45.0 | 44.3 | 45.0 | 44.3 | 45.2 | 46.8 | 47.1 | 49.1 | 49.6 | 52.0 | 53.9 | 55.1 | 55.2 | 58.0 | 57.7 | 57.6 | 56.3 | 55.0 | 53.6 | 49.1 | 45.1 | 42.3 | 40.8 | 40.0 |
| 17 | 39.2 | 38.9 | 38.4 | 38.0 | 39.8 | 42.5 | 46.2 | 48.9 | 50.2 | 52.0 | 53.9 | 56.1 | 57.9 | 59.2 | 60.0 | 60.4 | 59.3 | 57.6 | 54.6 | 50.2 | 47.1 | 44.8 | 43.4 | 43.1 |
| 18 | 42.7 | 41.7 | 40.1 | 39.6 | 39.4 | 40.2 | 46.1 | 48.5 | 52.4 | 55.1 | 57.0 | 58.9 | 59.4 | 61.6 | 59.0 | 61.0 | 59.1 | 57.0 | 56.0 | 52.7 | 51.0 | 50.4 | 50.0 | 47.9 |
| 19 | 46.4 | 46.5 | 46.0 | 46.4 | 46.8 | 49.1 | 49.0 | 49.8 | 50.9 | 53.0 | 54.2 | 55.5 | 57.1 | 58.1 | 57.1 | 58.9 | 58.0 | 58.2 | 56.3 | 53.1 | 51.8 | 51.0 | 51.0 | 50.1 |
| 20 | 49.1 | 48.0 | 46.5 | 45.1 | 47.2 | 51.3 | 54.5 | 57.5 | 62.1 | 62.0 | 65.0 | 65.0 | 66.4 | 64.0 | 64.8 | 64.8 | 63.9 | 62.1 | 59.0 | 55.4 | 54.0 | 52.9 | 51.5 | 51.1 |
| 21 | 51.4 | 51.0 | 51.0 | 50.9 | 50.3 | 50.0 | 51.3 | 52.1 | 53.0 | 53.1 | 56.2 | 55.4 | 56.4 | 56.1 | 56.0 | 56.3 | 55.4 | 55.2 | 53.6 | 52.2 | 52.0 | 51.2 | 50.3 | 51.0 |
| 22 | 50.0 | 50.1 | 49.2 | 50.6 | 51.1 | 51.4 | 52.6 | 53.2 | 52.6 | 52.4 | 54.7 | 53.0 | 54.5 | 55.0 | 56.0 | 55.4 | 53.7 | 54.4 | 52.0 | 50.4 | 48.8 | 48.4 | 48.0 | 47.5 |
| 23 | 47.1 | 46.5 | 45.8 | 47.0 | 47.2 | 49.4 | 49.7 | 50.1 | 50.5 | 50.8 | 51.0 | 51.3 | 51.4 | 51.4 | 51.3 | 51.2 | 51.3 | 51.3 | 51.2 | 51.0 | 50.7 | 51.0 | 51.1 | 51.0 |
| 24 | 51.0 | 50.7 | 50.5 | 51.0 | 51.0 | 52.1 | 51.4 | 53.0 | 51.9 | 51.2 | 51.7 | 53.1 | 54.0 | 54.3 | 53.3 | 56.0 | 54.4 | 53.1 | 52.2 | 50.5 | 49.6 | 48.8 | 47.3 | 46.6 |
| 25 | 46.1 | 45.2 | 44.5 | 44.5 | 45.3 | 48.5 | 52.6 | 53.1 | 54.0 | 55.9 | 56.0 | 57.2 | 57.9 | 57.1 | 56.9 | 57.5 | 57.0 | 56.4 | 55.0 | 54.2 | 53.6 | 53.0 | 53.2 | 54.6 |
| 26 | 54.4 | 52.9 | 52.9 | 51.3 | 53.0 | 54.4 | 56.6 | 57.9 | 57.2 | 56.1 | 57.5 | 54.4 | 54.1 | 54.1 | 50.4 | 54.2 | 52.2 | 58.0 | 56.4 | 54.8 | 53.6 | 52.4 | 52.2 | 51.3 |
| 27 | 52.0 | 51.4 | 50.9 | 49.0 | 48.4 | 48.2 | 47.9 | 45.0 | 47.5 | 48.9 | 49.2 | 50.0 | 50.9 | 52.2 | 52.9 | 52.7 | 54.1 | 53.2 | 53.0 | 49.5 | 46.1 | 44.4 | 44.6 | 44.0 |
| 28 | 43.2 | 42.0 | 42.0 | 42.2 | 46.0 | 48.7 | 51.5 | 51.4 | 51.0 | 50.5 | 51.5 | 51.3 | 51.4 | 51.9 | 51.5 | 51.4 | 51.7 | 49.2 | 48.9 | 47.3 | 46.6 | 46.3 | 45.2 | 46.3 |
| 29 | 46.3 | 46.2 | 45.6 | 45.9 | 44.2 | 45.8 | 49.2 | 48.1 | 50.0 | 51.3 | 53.0 | 52.3 | 52.5 | 52.6 | 55.4 | 53.2 | 53.5 | 55.1 | 54.2 | 51.0 | 45.5 | 44.0 | 43.4 | 42.4 |
| 30 | 46.3 | 34.0 | 34.9 | 63.0 | 38.9 | 43.1 | 49.0 | 51.0 | 56.3 | 55.2 | 58.5 | 59.1 | 57.7 | 58.2 | 57.2 | 56.3 | 58.5 | 52.6 | 52.2 | 52.0 | 48.6 | 47.9 | 47.7 | 47.3 |
| 31 | 47.0 | 46.7 | 46.2 | 46.4 | 46.1 | 46.5 | 46.4 | 47.0 | 47.4 | 48.0 | * | 48.7 | 49.5 | 49.4 | 50.4 | 48.8 | 49.9 | 50.4 | 50.1 | 48.4 | 48.4 | 46.5 | 45.1 | 45.2 |

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximate

# HOURLY VALUES MAY 1880.

## CISTERN 361 FEET ABOVE MEAN SEA LEVEL

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .27 | 29.701 | 29.675 | 29.657 | 29.638 | 29.621 | 29.617 | 29.615 | 29.606 | 29.589 | 29.583 | 29.761 | 1 |
| .67 | .455 | .451 | .449 | .443 | .448 | .459 | .459 | .451 | .439 | .414 | 29.454 | 2 |
| .84 | .382 | .388 | .396 | .416 | .440 | .474 | .490 | .502 | .519 | .523 | 29.409 | 3 |
| .73 | .676 | .681 | .685 | .687 | .691 | .709 | .719 | .725 | .727 | .720 | 29.651 | 4 |
| .80 | .682 | .684 | .690 | .695 | .704 | .715 | .728 | .730 | .725 | .725 | 29.708 | 5 |
| .74 | .658 | .656 | .674 | .699 | .716 | .728 | .746 | .760 | .760 | .764 | 29.712 | 6 |
| .32 | .718 | .710 | .699 | .694 | .694 | .700 | .714 | .722 | .722 | .718 | 29.743 | 7 |
| .56 | .757 | .757 | .766 | .791 | .825 | .861 | .883 | .902 | .909 | .927 | 29.776 | 8 |
| .42 | .932 | .926 | .919 | .909 | .909 | .904 | .904 | .902 | .899 | .878 | 29.639 | 9 |
| .79 | .667 | .655 | .647 | .665 | .663 | .671 | .673 | .677 | .679 | .677 | 29.724 | 10 |
| .18 | .625 | .628 | .626 | .632 | .645 | .664 | .676 | .685 | .698 | .706 | 29.644 | 11 |
| .70 | .770 | .773 | .780 | .791 | .866 | .820 | .829 | .835 | .835 | .831 | 29.774 | 12 |
| .48 | .837 | .828 | .816 | .830 | .802 | .874 | .886 | .884 | .884 | .880 | 29.853 | 13 |
| .22 | .810 | .804 | .802 | .798 | .802 | .832 | .840 | .848 | .853 | .860 | 29.838 | 14 |
| .30 | .826 | .829 | .831 | .832 | .862 | .860 | .872 | .870 | .869 | .868 | 29.848 | 15 |
| .43 | .846 | .852 | .854 | .857 | .868 | .884 | .898 | .906 | .904 | .916 | 29.868 | 16 |
| .06 | .898 | .891 | .888 | .906 | .920 | .930 | .946 | .954 | .964 | .954 | 29.925 | 17 |
| .13 | .893 | .887 | .877 | .877 | .881 | .884 | .903 | .906 | .901 | .891 | 29.930 | 18 |
| .47 | .745 | .741 | .743 | .744 | .741 | .747 | .761 | .767 | .765 | .768 | 29.792 | 19 |
| .51 | .855 | .855 | .845 | .851 | .865 | .875 | .891 | .891 | .888 | .883 | 29.835 | 20 |
| .84 | .765 | .756 | .744 | .730 | .706 | .672 | .654 | .635 | .602 | .566 | 29.773 | 21 |
| .41 | .348 | .332 | .368 | .387 | .410 | .424 | .442 | .460 | .460 | .458 | 29.399 | 22 |
| .29 | .313 | .305 | .307 | .288 | .289 | .273 | .261 | .245 | .231 | .221 | 29.354 | 23 |
| .17 | .423 | .435 | .447 | .459 | .469 | .487 | .501 | .511 | .515 | .518 | 29.353 | 24 |
| .91 | .587 | .585 | .569 | .567 | .539 | .547 | .561 | .528 | .523 | .503 | 29.560 | 25 |
| .70 | .483 | .470 | .475 | .462 | .464 | .478 | .474 | .476 | .476 | .450 | 29.468 | 26 |
| .47 | .471 | .483 | .498 | .515 | .537 | .559 | .585 | .599 | .611 | .626 | 29.464 | 27 |
| .14 | 29.826 | 29.836 | 29.844 | 29.856 | 29.876 | 29.885 | 29.902 | 29.914 | 29.914 | 29.925 | 29.783 | 28 |
| .51 | 30.047 | 30.045 | 30.031 | 30.021 | 30.019 | 30.019 | 30.029 | 30.027 | 30.018 | 30.001 | 30.017 | 29 |
| .05 | 29.801 | 29.788 | 29.785 | 29.769 | 29.769 | 29.771 | 29.777 | 29.771 | 29.750 | 29.744 | 29.852 | 30 |
| .21 | 29.726 | 29.737 | 29.735 | 29.741 | 29.756 | 29.783 | 29.808 | 29.827 | 29.847 | 29.850 | 29.736 | 31 |

# WET BULB THERMOMETER 7 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36.0 | 36.2 | 35.8 | 35.1 | 37.0 | 40.4 | 40.1 | 45.4 | 46.6 | 49.0 | 49.2 | 49.4 | 50.3 | 49.2 | 49.1 | 49.0 | 46.1 | 46.5 | 44.0 | 41.9 | 41.0 | 40.2 | 37.7 | 43.1 | 1 |
| 36.4 | 36.1 | 35.0 | 34.6 | 35.0 | 38.6 | 41.3 | 45.3 | 47.4 | 48.8 | 49.6 | 49.5 | 49.6 | 49.3 | 48.3 | 49.0 | 48.4 | 47.8 | 46.9 | 46.6 | 46.0 | 45.9 | 45.8 | 44.2 | 2 |
| 45.0 | 44.5 | 43.1 | 43.0 | 44.0 | 45.3 | 44.6 | 45.1 | 43.9 | 46.3 | 46.5 | 46.7 | 46.0 | 46.7 | 46.0 | 45.9 | 44.1 | 41.8 | 40.6 | 40.0 | 39.5 | 39.2 | 38.9 | 43.9 | 3 |
| 39.7 | 40.1 | 40.1 | 40.4 | 41.0 | 42.1 | 43.5 | 45.7 | 46.0 | 48.0 | 47.2 | 48.0 | 46.1 | 46.8 | 45.9 | 45.6 | 44.9 | 44.2 | 43.0 | 42.6 | 42.1 | 41.8 | 41.8 | 43.6 | 4 |
| 39.9 | 38.9 | 38.2 | 38.4 | 38.9 | 40.4 | 41.8 | 44.1 | 45.3 | 46.9 | 46.4 | 48.6 | 49.3 | 49.6 | 48.3 | 46.4 | 48.0 | 46.0 | 44.0 | 42.4 | 41.1 | 39.5 | 39.1 | 43.5 | 5 |
| 37.5 | 37.9 | 37.1 | 36.7 | 39.4 | 41.4 | 44.4 | 47.1 | 46.6 | 50.0 | 49.7 | 48.5 | 48.1 | 48.0 | 47.5 | 46.5 | 42.8 | 42.6 | 41.9 | 40.0 | 38.8 | 37.8 | 36.9 | 42.8 | 6 |
| 35.2 | 34.4 | ..... | * | ..... | 38.5 | 40.4 | 42.2 | 40.6 | 41.8 | 43.0 | 42.6 | 42.9 | 43.5 | 44.0 | 43.2 | 43.9 | 42.6 | 42.0 | 40.5 | 38.0 | 37.0 | 37.3 | 39.5 | 7 |
| 37.2 | 37.0 | 37.0 | 37.8 | 37.9 | 39.2 | 41.0 | 43.3 | 46.2 | 43.9 | 44.7 | 45.0 | 45.2 | 45.4 | 45.4 | 45.2 | 44.6 | 43.2 | 41.0 | 40.1 | 38.9 | 37.5 | 36.8 | 41.2 | 8 |
| 34.7 | 34.0 | 33.1 | 34.1 | 36.3 | 38.8 | 41.1 | 43.0 | 42.2 | 44.0 | 45.2 | 46.6 | 45.9 | 46.0 | 45.7 | 45.9 | 46.6 | 46.9 | 44.4 | 42.9 | 41.9 | 41.0 | 41.0 | 41.5 | 9 |
| 39.4 | 40.0 | 39.6 | 40.0 | 40.4 | 42.1 | 43.8 | 46.6 | 45.4 | 46.8 | 47.5 | 47.8 | 46.9 | 47.0 | 47.1 | 46.8 | 45.4 | 45.4 | 45.2 | 44.0 | 44.2 | 43.2 | 42.9 | 43.1 | 10 |
| 42.2 | 42.1 | 41.5 | 41.1 | 41.3 | 41.0 | 42.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.9 | 45.2 | 44.2 | 45.0 | 45.0 | 44.7 | 45.0 | 43.6 | 43.5 | 43.2 | 43.2 | 43.6 | 43.1 | 11 |
| 41.6 | 41.3 | 41.0 | 40.4 | 41.2 | 41.0 | 41.4 | 41.9 | 42.9 | 44.0 | 44.5 | 45.2 | 44.4 | 45.6 | 44.0 | 44.0 | 43.4 | 42.3 | 41.5 | 42.4 | 42.0 | 41.4 | 41.5 | 42.5 | 12 |
| 39.0 | 37.4 | 36.8 | 37.0 | 39.0 | 41.9 | 42.2 | 43.8 | 44.9 | 45.8 | 47.0 | 48.1 | 48.9 | 49.2 | 48.7 | 49.2 | 49.0 | 47.5 | 45.7 | 44.9 | 43.1 | 43.0 | 41.8 | 43.9 | 13 |
| 40.9 | 41.1 | 40.4 | 40.4 | 42.1 | 45.0 | 46.8 | 48.9 | 49.3 | 52.4 | 52.8 | 52.4 | 51.9 | 52.9 | 54.5 | 53.3 | 52.6 | 50.2 | 46.0 | 47.0 | 46.1 | 45.5 | 45.8 | 47.6 | 14 |
| 44.3 | 44.0 | 43.9 | 43.9 | 46.0 | 47.3 | 48.1 | 50.2 | 49.9 | 50.8 | 51.0 | 49.9 | 50.2 | 51.0 | 50.4 | 48.8 | 47.2 | 46.3 | 45.0 | 43.2 | 42.4 | 42.0 | 42.4 | 46.8 | 15 |
| 41.2 | 42.0 | 41.1 | 42.0 | 43.1 | 43.2 | 44.7 | 45.1 | 46.5 | 46.0 | 48.4 | 48.3 | 51.0 | 50.0 | 50.0 | 48.9 | 47.4 | 45.2 | 42.9 | 41.0 | 39.3 | 38.3 | 38.0 | 44.5 | 16 |
| 37.0 | 36.9 | 36.3 | 37.5 | 39.7 | 42.2 | 43.8 | 44.6 | 45.6 | 46.8 | 48.1 | 48.9 | 49.4 | 50.5 | 49.5 | 49.4 | * | 47.1 | 44.6 | 42.0 | 40.8 | 40.0 | 39.5 | 43.6 | 17 |
| 38.3 | 37.9 | 36.9 | 37.0 | 37.4 | 41.9 | 43.1 | 46.0 | 47.3 | 49.4 | 51.0 | 51.0 | 51.4 | 51.0 | 52.0 | 50.3 | 48.8 | 48.2 | 47.1 | 46.3 | 46.6 | 46.1 | 44.9 | 45.4 | 18 |
| 43.3 | 43.1 | 44.0 | 43.9 | 45.6 | 45.3 | 46.2 | 46.3 | 50.4 | 50.8 | 51.1 | 51.9 | 52.4 | 53.4 | 54.3 | 54.3 | 54.8 | 53.4 | 51.4 | 50.6 | 50.3 | 50.2 | 49.7 | 49.2 | 19 |
| 47.2 | 46.0 | 44.3 | 46.8 | 49.4 | 51.7 | 53.7 | 56.2 | 56.0 | 56.0 | 56.1 | 54.3 | 57.0 | 58.1 | 56.5 | 58.1 | 57.3 | 56.8 | 53.3 | 52.3 | 51.3 | 50.4 | 50.1 | 53.3 | 20 |
| 50.0 | 50.0 | 49.2 | 48.8 | 48.0 | 48.8 | 49.2 | 49.8 | 50.1 | 52.0 | 51.1 | 52.4 | 51.9 | 51.8 | 52.2 | 52.0 | 52.0 | 51.1 | 50.4 | 50.3 | 49.6 | 49.0 | 49.6 | 50.4 | 21 |
| 48.3 | 47.6 | 47.9 | 48.8 | 49.2 | 49.1 | 48.7 | 48.4 | 48.8 | 50.3 | 51.0 | 50.0 | 50.2 | 50.2 | 50.0 | 50.2 | 49.2 | 47.7 | 47.0 | 46.0 | 45.8 | 44.9 | 44.5 | 48.4 | 22 |
| 45.0 | 44.3 | 45.6 | 45.9 | 47.9 | 48.0 | 46.4 | 48.6 | 49.1 | 49.5 | 50.0 | 50.0 | 50.1 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 49.4 | 49.4 | 50.0 | 49.9 | 49.8 | 48.6 | 23 |
| 49.4 | 49.4 | 50.0 | 50.0 | 50.4 | 49.8 | 49.1 | 48.0 | 47.0 | 46.0 | 46.3 | 46.2 | 45.9 | 47.2 | 46.0 | 45.9 | 44.3 | 44.9 | 46.4 | 47.0 | 46.5 | 46.1 | 45.4 | 47.4 | 24 |
| 44.0 | 43.4 | 43.0 | 43.5 | 46.0 | 47.2 | 48.0 | 47.0 | 48.0 | 47.4 | 49.4 | 49.5 | 50.0 | 50.8 | 51.0 | 51.3 | 51.0 | 51.3 | 51.1 | 51.4 | 50.2 | 50.8 | 51.3 | 48.4 | 25 |
| 50.0 | 49.0 | 48.2 | 49.6 | 50.4 | 50.7 | 51.2 | 50.8 | 50.1 | 51.4 | 51.1 | 51.9 | 53.6 | 53.4 | 53.8 | 52.9 | 52.9 | 52.3 | 51.9 | 51.6 | 51.0 | 51.3 | 50.9 | 51.3 | 26 |
| 50.9 | 49.5 | 47.7 | 47.0 | 46.9 | 46.5 | 46.3 | 46.3 | 47.1 | 47.0 | 47.9 | 47.7 | 47.3 | 49.1 | 48.7 | 48.4 | 47.2 | 45.0 | 45.1 | 43.4 | 43.0 | 43.1 | 42.9 | 46.8 | 27 |
| 41.0 | 41.0 | 41.2 | 44.6 | 46.2 | 47.7 | 47.0 | 47.4 | 46.0 | 46.0 | 45.2 | 45.2 | 45.4 | 45.2 | 44.5 | 45.8 | 45.2 | 44.4 | 44.0 | 43.3 | 42.3 | 42.7 | 43.2 | 44.4 | 28 |
| 43.0 | 43.0 | 43.5 | 42.0 | 44.1 | 45.2 | 45.1 | 46.0 | 46.0 | 47.7 | 46.9 | 48.2 | 47.5 | 48.5 | 48.0 | 47.5 | 46.2 | 45.9 | 44.4 | 41.5 | 39.9 | 40.0 | 38.8 | 44.7 | 29 |
| 36.4 | 36.9 | 36.0 | 36.3 | 39.8 | 44.3 | 46.0 | 47.4 | 47.2 | 50.0 | 50.9 | 50.4 | 51.0 | 48.9 | 49.7 | 48.5 | 48.4 | 48.9 | 47.0 | 46.1 | 46.1 | 46.2 | 45.8 | 45.3 | 30 |
| 45.2 | 44.9 | 44.8 | 44.7 | 44.8 | 45.1 | 45.3 | 46.0 | 46.1 | * | 46.6 | 46.1 | 46.2 | 47.9 | 46.3 | 47.0 | 47.0 | 47.3 | 46.8 | 45.5 | 44.0 | 43.4 | 43.7 | 45.7 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# STONYHURST OBSERVATORY LAT: 53° 51′ N. LONG: 2° 28′ W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 19 | 2 | 19 | 2 | 19 | 1.5 | 19 | 1.5 | 19 | 1.5 | 19 | 1.5 | 19 | 2 | 17 | 3 | 20 | 5.5 | 20 | 4.5 | 17 | 4.5 | 21 | 4.5 | 22 |
| 2 | 24 | 4 | 24 | 3.5 | 30 | 4.5 | 30 | 6.5 | 1 | 4.5 | 1 | 3 | 1 | 3 | 1 | 4 | 1 | 2 | 8 | 3 | 18 | 3 | 7 | 4 | 24 |
| 3 | 20 | 2 | 20 | 2 | 20 | 1.5 | 20 | 1.5 | 20 | 2 | 20 | 1.5 | 20 | 2 | 4 | 4.5 | 3 | 5.5 | 5 | 5.5 | 5 | 6.5 | 6 | 8.5 | 3 |
| 4 | 2 | 7.5 | 3 | 7.5 | 4 | 8.5 | 4 | 9.5 | 4 | 7.5 | 3 | 6.5 | 3 | 10.5 | 4 | 13 | 3 | 14 | 2 | 17 | 3 | 13 | 4 | 16 | 3 |
| 5 | 2 | 2 | 32 | 1.5 | 32 | 2 | 32 | 1.5 | 32 | 1.5 | 32 | 1.5 | 32 | 1.5 | 6 | 2 | 7 | 1.5 | 30 | 4.5 | 32 | 6.5 | 2 | 6.5 | 4 |
| 6 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 2 | 1.5 | 14 | 2 | 22 | 5.5 | 23 | 8.5 | 24 | 9.5 | 24 |
| 7 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 3 | 1.5 | 2 | 2 | 11 | 2 | 12 | 1.5 | 20 |
| 8 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 2 | 2 | 1.5 | 2 | 1.5 | 8 | 2 | 2 | 4.5 | 5 | 3 | 3 |
| 9 | 2 | 4 | 2 | 4.5 | 2 | 3 | 2 | 4 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 7.5 | 3 | 5.5 | 32 | 7.5 | 6 | 6.5 | 6 | 4.5 | 6 |
| 10 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 29 | 1.5 | 20 | 3 | 21 | 1.5 | 21 | 2 | 19 | 2 | 30 |
| 11 | 3 | 9.5 | 3 | 9.5 | 5 | 9.5 | 6 | 9.5 | 4 | 7.5 | 4 | 11 | 6 | 11 | 6 | 16 | 4 | 16 | 5 | 16 | 7 | 23 | 7 | 25 | 7 |
| 12 | 5 | 10.5 | 4 | 10.5 | 5 | 9.5 | 4 | 9.5 | 6 | 15 | 6 | 16 | 7 | 22 | 6 | 23 | 6 | 18 | 6 | 22 | 7 | 21 | 6 | 18 | 7 |
| 13 | 5 | 5.5 | 5 | 8.5 | 4 | 4.5 | 3 | 4 | 3 | 4 | 3 | 4 | 6 | 12 | 6 | 14 | 6 | 13 | 6 | 13 | 6 | 12 | 6 | 14 | 6 |
| 14 | 5 | 11 | 5 | 10.5 | 6 | 12 | 5 | 9.5 | 4 | 7.5 | 3 | 9.5 | 4 | 8.5 | 4 | 12 | 4 | 9.5 | 3 | 12 | 4 | 11 | 6 | 14 | 5 |
| 15 | 1 | 14 | 2 | 16 | 2 | 10.5 | 2 | 10.5 | 3 | 10.5 | 3 | 12 | 3 | 13 | 3 | 17 | 4 | 16 | 4 | 17 | 4 | 18 | 5 | 19 | 5 |
| 16 | 3 | 5.5 | 5 | 9.5 | 5 | 7.5 | 4 | 7.5 | 5 | 7.5 | 5 | 12 | 5 | 11 | 6 | 13 | 5 | 13 | 6 | 15 | 6 | 16 | 5 | 18 | 5 |
| 17 | 2 | 7.5 | 2 | 8.5 | 3 | 8.5 | 2 | 8.5 | 2 | 6.5 | 2 | 5.5 | 3 | 8.5 | 5 | 11 | 5 | 13 | 4 | 11 | 6 | 12 | 6 | 12 | 5 |
| 18 | 2 | 3.5 | 2 | 4.5 | 2 | 3 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 4 | 2 | 6.5 | 3 | 4.5 | 7 | 4 | 16 | 4.5 | 22 | 7.5 | 17 |
| 19 | 18 | 2 | 18 | 2 | 18 | 1.5 | 18 | 2 | 18 | 2 | 18 | 5.5 | 20 | 4.5 | 21 | 4.5 | 20 | 6.5 | 23 | 17 | 24 | 15 | 24 | 15 | 22 |
| 20 | 20 | 6.5 | 22 | 6.5 | 22 | 2 | 22 | 3 | 22 | 7.5 | 22 | 13 | 22 | 10.5 | 17 | 11 | 21 | 12 | 24 | 10.5 | 25 | 11 | 23 | 18 | 24 |
| 21 | 22 | 11 | 21 | 10.5 | 21 | 8.5 | 20 | 8.5 | 20 | 9.5 | 17 | 10.5 | 18 | 10.5 | 20 | 11 | 23 | 13 | 22 | 14 | 24 | 13 | 24 | 17 | 25 |
| 22 | 22 | 6.5 | 21 | 6.5 | 20 | 7.5 | 22 | 15 | 22 | 20 | 23 | 23 | 23 | 27 | 23 | 26 | 23 | 27 | 23 | 28 | 24 | 28 | 24 | 32 | 24 |
| 23 | 24 | 11 | 19 | 5.5 | 19 | 6.5 | 21 | 6.5 | 21 | 9.5 | 20 | 12 | 21 | 12 | 20 | 14 | 21 | 18 | 20 | 19 | 21 | 22 | 21 | 23 | 21 |
| 24 | 20 | 18 | 20 | 17 | 19 | 17 | 19 | 15 | 19 | 15 | 21 | 24 | 22 | 26 | 23 | 28 | 23 | 29 | 23 | 27 | 23 | 31 | 24 | 26 | 23 |
| 25 | 21 | 9.5 | 21 | 5.5 | 21 | 5.5 | 21 | 5.5 | 21 | 4.5 | 21 | 6.5 | 19 | 12 | 21 | 13 | 22 | 16 | 21 | 19 | 22 | 18 | 21 | 17 | 23 |
| 26 | 19 | 8.5 | 18 | 4.5 | 18 | 4.5 | 18 | 6.5 | 19 | 7.5 | 18 | 13 | 19 | 13 | 18 | 16 | 18 | 14 | 19 | 11 | 19 | 12 | 17 | 9.5 | 19 |
| 27 | 24 | 1.5 | 24 | 1.5 | 30 | 5.5 | 1 | 9.5 | 31 | 11 | 31 | 11 | 31 | 12 | 29 | 12 | 30 | 9.5 | 1 | 4 | 31 | 4.5 | 31 | 4 | 28 |
| 28 | 22 | 4.5 | 22 | 3 | 22 | 2 | 22 | 1.5 | 22 | 4 | 20 | 8.5 | 22 | 18 | 21 | 17 | 23 | 19 | 23 | 19 | 23 | 24 | 24 | 26 | 23 |
| 29 | 25 | 15 | 25 | 12 | 24 | 11 | 24 | 11 | 27 | 5.5 | 23 | 6.5 | 25 | 9.5 | 28 | 9.5 | 24 | 12 | 23 | 15 | --- | --- | -※- | -※- | --- |
| 30 | 30 | 3 | 31 | 5.5 | 32 | 4 | 1 | 4 | 1 | 5.5 | 3 | 3 | 3 | 2 | 3 | 3 | 19 | 13 | 18 | 14 | 20 | 12 | 18 | 14 | 21 |
| 31 | 17 | 9.5 | 16 | 10.5 | 16 | 9.5 | 15 | 11 | 16 | 11 | 13 | 5.5 | 12 | 4 | 12 | 5.5 | 12 | 8.5 | 11 | 11 | 12 | 11 | 13 | 18 | 14 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 2 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 3 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 4 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 5 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 6 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 7 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 8 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 9 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 10 | . | . | . | . | . | 004 | 046 | 005 | 019 | 020 | 010 | 015 | . | 013 | 001 | . | . | . | . | . | . | . | . | 005 |
| 11 | 001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 12 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 13 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 14 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 15 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 16 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 17 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 18 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 19 | . | . | . | . | . | . | . | . | . | 004 | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 20 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 21 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 22 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 23 | . | . | . | . | . | 003 | 001 | 006 | 002 | 020 | 028 | 048 | 054 | 065 | 100 | 025 | 030 | 035 | 015 | 050 | 110 | 060 | 040 | 008 |
| 24 | 005 | 040 | 125 | 135 | 090 | 020 | 020 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 25 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 26 | . | . | . | . | . | . | . | . | . | . | . | . | 030 | . | . | . | . | . | 001 | 001 | 001 | 001 | 016 | 090 |
| 27 | 075 | 065 | 030 | 070 | 070 | 080 | 120 | 120 | 040 | 030 | 045 | 040 | 015 | . | . | . | . | . | . | . | . | . | . | . |
| 28 | . | . | . | . | . | . | . | . | 010 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 29 | . | . | . | . | 015 | 003 | 010 | 001 | 001 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . |
| 30 | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | 015 | 040 | 064 | 020 |
| 31 | 031 | 020 | 030 | 035 | 035 | 030 | 005 | 075 | 035 | 030 | 018 | 028 | 005 | 004 | 014 | 003 | 003 | . | . | . | . | . | . | . |

‡ Record defective or Instrument out of action. † Obtained from reading of Standard. ‡ Approximate.

# HOURLY VALUES MAY 1880.

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 9.5 | 22 | 9.5 | 22 | 9.5 | 23 | 8.5 | 23 | 7.5 | 23 | 4 | 23 | 3 | 23 | 2 | 23 | 2 | 23 | 3 | 24 | 3 | 1 |
| 1 | 24 | 12 | 25 | 13 | 25 | 11 | 24 | 8.5 | 20 | 4 | 20 | 4.5 | 20 | 4 | 20 | 2 | 20 | 2 | 20 | 2 | 2 |
| 7.5 | 6 | 10.5 | 5 | 11 | 3 | 13 | 4 | 13 | 4 | 13 | 4 | 7.5 | 3 | 9.5 | 3 | 11 | 3 | 9.5 | 3 | 11 | 3 |
| 9.5 | 3 | 9.5 | 3 | 10.5 | 4 | 9.5 | 2 | 5.5 | 3 | 4.5 | 1 | 5.5 | 32 | 4.5 | 3 | 3 | 3 | 1.5 | 3 | 1.5 | 4 |
| 5.5 | 4 | 5.5 | 5 | 5.5 | 7 | 4 | 4 | 2 | 6 | 2 | 3 | 1.5 | 3 | 1.5 | 3 | 2 | 3 | 2 | 2 | 2 | 5 |
| 1 | 22 | 11 | 23 | 12 | 24 | 4 | 4 | 7.5 | 5 | 4.5 | 6 | 4 | 4 | 2 | 5 | 1.5 | 4 | 1.5 | 3 | 1.5 | 6 |
| 1.5 | 26 | 9.5 | 25 | 8.5 | 26 | 6.5 | 25 | 7.5 | 29 | 4.5 | 29 | 3 | 7 | 4 | 3 | 4 | 2 | 3 | 2 | 4 | 7 |
| 4.5 | 5 | 5.5 | 4 | 4 | 6 | 5.5 | 5 | 8.5 | 3 | 8.5 | 4 | 4.5 | 3 | 4 | 3 | 4.5 | 3 | 6.5 | 2 | 5.5 | 8 |
| 1.5 | 5 | 4 | 5 | 3 | 5 | 2 | 12 | 1.5 | 12 | 2 | 5 | 1.5 | 5 | 7.5 | 4 | 1.5 | 4 | 1.5 | 4 | 1.5 | 9 |
| 4.5 | 3 | 7.5 | 2 | 8.5 | 3 | 10.5 | 2 | 10.5 | 2 | 8.5 | 3 | 11 | 3 | 11 | 4 | 11 | 4 | 9.5 | 4 | 7.5 | 10 |
| 20 | 7 | 21 | 6 | 18 | 7 | 19 | 6 | 15 | 5 | 14 | 6 | 16 | 6 | 14. | 6 | 12 | 6 | 15 | 6 | 14 | 11 |
| 16 | 5 | 19 | 6 | 16 | 5 | 15 | 4 | 13 | 4 | 12 | 5 | 9.5 | 5 | 7.5 | 4 | 8.5 | 5 | 7.5 | 5 | 6.5 | 12 |
| 13 | 7 | 15 | 6 | 15 | 6 | 16 | 6 | 10 | 7 | 16 | 6 | 11 | 6 | 12 | 5 | 10.5 | 5 | 11 | 5 | 11 | 13 |
| 13 | 2 | 11 | 2 | 14 | 5 | 13 | 5 | 13 | 3 | 12 | 1 | 10.5 | 4 | 11 | 2 | 10.5 | 30 | 15 | 31 | 12 | 14 |
| 13 | 5 | 12 | 5 | 11 | 4 | 9.5 | 5 | 7.5 | 5 | 6.5 | 5 | 4 | 6 | 4.5 | 5 | 4 | 4 | 3 | 4 | 3 | 15 |
| 17 | 5 | 17 | 5 | 14 | 5 | 16 | 5 | 15 | 7 | 17 | 5 | 9.5 | 4 | 9.5 | 4 | 10.5 | 4 | 11 | 2 | 10.5 | 16 |
| 13 | 6 | 9.5 | 6 | 10.5 | 5 | 11 | 5 | 10.5 | 6 | 7.5 | 5 | 4.5 | 3 | 5.5 | 3 | 5.5 | 3 | 4.5 | 3 | 4 | 17 |
| 5.5 | 15 | 10.5 | 24 | 15 | 24 | 13 | 25 | 10.5 | 25 | 6.5 | 21 | 6.5 | 19 | 2 | 19 | 3 | 19 | 2 | 18 | 1.5 | 18 |
| 19 | 25 | 14 | 24 | 20 | 20 | 12 | 20 | 8.5 | 20 | 9.5 | 19 | 9.5 | 22 | 7.5 | 19 | 4.5 | 22 | 9.5 | 22 | 4 | 19 |
| 17 | 24 | 16 | 23 | 15 | 26 | 17 | 26 | 11 | 18 | 12 | 21 | 12 | 22 | 4.5 | 21 | 4 | 19 | 4.5 | 20 | 11 | 20 |
| 16 | 25 | 17 | 24 | 16 | 23 | 14 | 24 | 9.5 | 22 | 10.5 | 21 | 5.5 | 21 | 5.5 | 21 | 7.5 | 21 | 6.5 | 22 | 6.5 | 21 |
| 28 | 26 | 24 | 25 | 28 | 25 | 24 | 26 | 24 | 26 | 19 | 26 | 19 | 26 | 16 | 25 | 12 | 26 | 16 | 27 | 13 | 22 |
| 20 | 21 | 26 | 22 | 25 | 22 | 22 | 21 | 22 | 22 | 18 | 20 | 18 | 20 | 18 | 21 | 19 | 21 | 20 | 21 | 19 | 23 |
| 32 | 23 | 29 | 23 | 25 | 22 | 23 | 22 | 19 | 22 | 12 | 22 | 12 | 22 | 9.5 | 18 | 7.5 | 20 | 7.5 | 21 | 5.5 | 24 |
| 14 | 22 | 12 | 21 | 12 | 20 | 9.5 | 19 | 8.5 | 19 | 4.5 | 19 | 3 | 19 | 3 | 19 | 3 | 19 | 4.5 | 18 | 6.5 | 25 |
| 15 | 20 | 12 | 22 | 12 | 22 | 12 | 21 | 14 | 22 | 9.5 | 23 | 6.5 | 23 | 6.5 | 24 | 3 | 24 | 2 | 24 | 1.5 | 26 |
| 4 | 23 | 14 | 23 | 16 | 24 | 13 | 23 | 12 | 23 | 13 | 24 | 6.5 | 24 | 4 | 23 | 3 | 23 | 5.5 | 23 | 4.5 | 27 |
| 26 | 23 | 22 | 23 | 25 | 23 | 21 | 24 | 19 | 23 | 16 | 23 | 12 | 23 | 7.5 | 24 | 12 | 22 | 14 | 24 | 16 | 28 |
| 14 | 25 | 11 | 23 | 11 | 23 | 10.5 | 24 | 9.5 | 24 | 5.5 | 24 | 3 | 24 | 3 | 24 | 2 | 24 | 3 | 29 | 4 | 29 |
| 13 | 21 | 12 | 23 | 13 | 24 | 14 | 23 | 6.5 | 22 | 4 | 18 | 12 | 20 | 9.5 | 19 | 9.5 | 16 | 8.5 | 17 | 8.5 | 31 |
| 12 | 11 | 10.5 | 10 | 12 | 10 | 12 | 12 | 9.5 | 7 | 6.5 | 4 | 9.5 | 5 | 8.5 | 7 | 13 | 6 | 10.5 | 7 | 9.5 | 31 |

# VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 198 | 195 | 201 | 194 | 205 | 230 | 231 | 264 | 267 | 285 | 275 | 269 | 289 | 264 | 264 | 260 | 221 | 254 | 238 | 225 | 219 | 219 | 217 | 1 |
| 194 | 191 | 182 | 183 | 180 | 204 | 217 | 241 | 251 | 270 | 265 | 258 | 265 | 259 | 250 | 280 | 288 | 292 | 294 | 292 | 290 | 288 | 288 | 2 |
| 286 | 277 | 265 | 264 | 271 | 280 | 261 | 266 | 273 | 277 | 274 | 280 | 281 | 270 | 258 | 256 | 243 | 223 | 220 | 221 | 220 | 212 | 212 | 3 |
| 222 | 218 | 218 | 224 | 226 | 234 | 242 | 255 | 255 | 269 | 267 | 273 | 252 | 261 | 255 | 256 | 252 | 245 | 239 | 232 | 233 | 235 | 230 | 4 |
| 222 | 206 | 196 | 197 | 205 | 214 | 211 | 226 | 229 | 240 | 224 | 248 | 251 | 258 | 249 | 267 | 271 | 255 | 243 | 233 | 224 | 213 | 210 | 5 |
| 208 | 205 | 200 | 203 | 218 | 229 | 249 | 259 | 271 | 300 | 302 | 269 | 262 | 258 | 258 | 248 | 225 | 232 | 231 | 214 | 211 | 201 | 193 | 6 |
| 179 | 174 | * | * | * | 199 | 201 | 200 | 193 | 205 | 214 | 210 | 215 | 205 | 208 | 196 | 206 | 206 | 216 | 214 | 204 | 192 | 192 | 7 |
| 188 | 182 | 185 | 194 | 195 | 201 | 211 | 222 | 221 | 201 | 214 | 209 | 202 | 206 | 205 | 205 | 225 | 224 | 214 | 208 | 197 | 188 | 186 | 8 |
| 169 | 170 | 162 | 168 | 180 | 195 | 210 | 216 | 198 | 218 | 222 | 233 | 232 | 236 | 237 | 242 | 274 | 282 | 239 | 237 | 223 | 213 | 224 | 9 |
| 214 | 217 | 218 | 224 | 226 | 255 | 269 | 286 | 284 | 300 | 300 | 291 | 258 | 278 | 273 | 279 | 274 | 271 | 259 | 264 | 253 | 253 | 261 | 10 |
| 246 | 245 | 242 | 234 | 231 | 215 | 223 | 225 | 221 | 256 | 240 | 207 | 227 | 222 | 234 | 235 | 231 | 254 | 240 | 248 | 247 | 250 | 237 | 11 |
| 237 | 231 | 230 | 222 | 227 | 219 | 212 | 212 | 220 | 245 | 221 | 224 | 210 | 229 | 208 | 224 | 226 | 219 | 220 | 235 | 233 | 227 | 234 | 12 |
| 213 | 191 | 193 | 193 | 206 | 223 | 213 | 222 | 229 | 238 | 242 | 254 | 256 | 259 | 246 | 258 | 267 | 259 | 259 | 258 | 233 | 235 | 228 | 13 |
| 221 | 217 | 212 | 214 | 222 | 245 | 257 | 283 | 288 | 313 | 316 | 308 | 306 | 328 | 335 | 332 | 329 | 307 | 297 | 291 | 282 | 280 | 277 | 14 |
| 261 | 259 | 257 | 253 | 271 | 287 | 279 | 301 | 299 | 304 | 298 | 289 | 286 | 300 | 289 | 282 | 268 | 266 | 263 | 246 | 233 | 231 | 238 | 15 |
| 225 | 233 | 223 | 231 | 237 | 236 | 248 | 261 | 256 | 268 | 277 | 265 | 296 | 277 | 278 | 267 | 249 | 219 | 214 | 213 | 209 | 204 | 207 | 16 |
| 200 | 202 | 195 | 200 | 215 | 227 | 232 | 235 | 238 | 245 | 255 | 253 | 264 | 269 | 246 | 252 | * | 244 | 235 | 213 | 213 | 211 | 205 | 17 |
| 197 | 204 | 191 | 195 | 194 | 222 | 223 | 243 | 246 | 271 | 288 | 283 | 277 | 287 | 289 | 272 | 259 | 258 | 262 | 261 | 261 | 267 | 262 | 18 |
| 245 | 246 | 260 | 253 | 265 | 261 | 271 | 307 | 332 | 327 | 323 | 324 | 327 | 336 | 363 | 375 | 385 | 371 | 357 | 354 | 356 | 363 | 362 | 19 |
| 314 | 305 | 279 | 315 | 329 | 347 | 365 | 376 | 372 | 391 | 394 | 410 | 397 | 396 | 407 | 407 | 406 | 402 | 379 | 368 | 362 | 352 | 350 | 20 |
| 348 | 348 | 329 | 326 | 309 | 314 | 314 | 317 | 324 | 337 | 324 | 345 | 337 | 335 | 341 | 345 | 347 | 342 | 342 | 343 | 333 | 331 | 338 | 21 |
| 316 | 310 | 301 | 317 | 323 | 313 | 290 | 290 | 301 | 311 | 325 | 306 | 307 | 299 | 299 | 301 | 289 | 281 | 282 | 278 | 277 | 261 | 259 | 22 |
| 281 | 274 | 289 | 293 | 315 | 313 | 318 | 319 | 328 | 336 | 344 | 343 | 346 | 344 | 345 | 344 | 347 | 348 | 346 | 350 | 348 | 345 | 343 | 23 |
| 337 | 339 | 348 | 348 | 357 | 338 | 301 | 288 | 274 | 249 | 243 | 234 | 227 | 243 | 223 | 225 | 211 | 224 | 268 | 291 | 289 | 297 | 289 | 24 |
| 273 | 268 | 259 | 261 | 281 | 265 | 276 | 248 | 255 | 243 | 270 | 267 | 282 | 301 | 300 | 311 | 312 | 332 | 335 | 350 | 327 | 339 | 330 | 25 |
| 323 | 304 | 300 | 313 | 316 | 303 | 301 | 298 | 296 | 309 | 333 | 356 | 343 | 347 | 347 | 347 | 340 | 342 | 349 | 355 | 355 | 366 | 367 | 26 |
| 366 | 337 | 315 | 305 | 305 | 298 | 292 | 276 | 301 | 296 | 307 | 293 | 270 | 302 | 295 | 274 | 259 | 220 | 252 | 251 | 254 | 260 | 263 | 27 |
| 245 | 245 | 247 | 278 | 283 | 287 | 272 | 285 | 260 | 251 | 237 | 236 | 236 | 236 | 224 | 245 | 257 | 244 | 250 | 243 | 237 | 245 | 245 | 28 |
| 242 | 248 | 256 | 242 | 269 | 257 | 264 | 265 | 252 | 271 | 261 | 268 | 254 | 268 | 259 | 248 | 226 | 227 | 225 | 220 | 203 | 211 | 200 | 29 |
| 188 | 197 | 190 | 187 | 210 | 241 | 255 | 240 | 244 | 271 | 284 | 285 | 294 | 260 | 285 | 283 | 290 | 306 | 266 | 282 | 288 | 294 | 289 | 30 |
| 284 | 283 | 278 | 279 | 277 | 284 | 282 | 293 | 287 | * | 292 | 273 | 276 | 303 | 285 | 287 | 282 | 292 | 300 | 271 | 259 | 261 | 266 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary

KEW OBSERVATORY LAT: 51° 28′ N. LONG: 0° 19′

# BAROMETER

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30·297 | 30·283 | 30·277 | 30·279 | 30·271 | 30·267 | 30·263 | 30·257 | 30·246 | 30 215 | 30·200 | 30·172 | 30· |
| 2 | 29·972 | 29·942 | 29 918 | 29·902 | 29·896 | 29·886 | 29·878 | 29·878 | 29·868 | 29·868 | 29·839 | 29·822 | 29· |
| 3 | ·743 | ·731 | ·711 | ·707 | ·697 | ·705 | ·701 | ·703 | ·699 | ·693 | ·699 | ·689 | |
| 4 | ·769 | ·782 | ·797 | ·817 | ·840 | ·861 | ·872 | 29·891 | 29·905 | 29·911 | 29·919 | 29·921 | 29· |
| 5 | 984 | 986 | ·977 | ·979 | ·985 | 987 | ·995 | 30·005 | 30·013 | 30·017 | 30·019 | 30·021 | 30· |
| 6 | 29·985 | 29·985 | 29·981 | 29·973 | 29·974 | 29·987 | 29·997 | ·005 | ·001 | ·005 | ·010 | ·004 | 29 |
| 7 | 30·054 | 30·050 | 30·053 | 30·056 | 30 064 | 30 090 | 30·100 | ·104 | ·100 | ·103 | ·094 | ·092 | 30· |
| 8 | 087 | ·086 | ·079 | ·082 | ·080 | ·084 | ·086 | ·090 | ·097 | ·104 | ·110 | ·103 | |
| 9 | ·220 | ·223 | ·230 | ·234 | ·248 | ·260 | ·268 | ·271 | ·274 | ·279 | ·267 | ·261 | |
| 10 | 30·193 | 30·179 | 30·167 | 30 153 | 30·141 | 30·137 | 30·127 | 30·115 | 30·105 | 30·097 | 30·091 | 30·070 | 30· |
| 11 | 29·955 | 29·939 | 29 927 | 29·920 | 29·915 | 29·915 | 29·918 | 29·915 | 29 905 | 29·907 | 29 903 | 29·897 | 29· |
| 12 | 29·919 | 29·919 | 29·927 | 29·943 | 29·947 | 29·953 | 29·968 | 29·974 | 29·976 | 29·977 | 29 981 | 29·985 | 29· |
| 13 | 30·082 | 30 079 | 30·079 | 30·087 | 30·089 | 30·101 | 30·104 | 30·117 | 30·115 | 30·113 | 30·111 | 30·103 | 30· |
| 14 | ·131 | ·123 | ·119 | ·099 | ·093 | ·109 | ·115 | ·111 | ·101 | ·093 | ·075 | ·071 | |
| 15 | ·077 | ·073 | ·071 | ·067 | ·065 | ·067 | ·073 | ·073 | ·071 | ·063 | ·043 | ·025 | |
| 16 | 097 | ·091 | ·095 | ·098 | ·099 | ·107 | ·109 | ·111 | ·108 | ·110 | ·095 | ·089 | ·0 |
| 17 | ·181 | ·179 | ·177 | ·183 | ·187 | ·187 | ·190 | ·203 | 205 | ·204 | ·199 | ·195 | ·1 |
| 18 | ·231 | ·226 | ·219 | ·219 | 229 | ·233 | ·233 | ·233 | ·239 | ·241 | ·238 | ·223 | ·2 |
| 19 | ·264 | ·259 | ·256 | ·254 | ·252 | ·252 | ·250 | ·244 | ·238 | ·230 | ·222 | ·194 | ·1 |
| 20 | ·102 | ·103 | ·106 | ·114 | ·122 | ·132 | ·139 | ·148 | ·160 | ·160 | ·160 | ·161 | ·1 |
| 21 | 30·254 | 30 242 | 30·237 | 30·233 | 30·232 | 30·231 | 30·227 | 30·213 | 30·209 | 30·189 | 30·178 | 30·160 | 30· |
| 22 | 29 980 | 29 958 | 29·938 | 29·916 | 29·894 | 29·885 | 29·872 | 29·843 | 29·823 | 29·820 | 29·796 | 29·790 | 29· |
| 23 | 881 | ·896 | ·900 | ·907 | ·915 | ·922 | ·927 | ·926 | ·920 | ·908 | ·901 | ·891 | |
| 24 | 29·832 | 29·825 | 29·813 | 29·810 | 29·805 | 29·817 | 29·828 | 29·828 | 29·827 | 29·845 | 29·860 | 29·882 | 29· |
| 25 | 30·002 | 30·007 | 30·004 | 30·007 | 30·017 | 30·022 | 30·037 | 30·046 | 30·055 | 30·048 | 30·043 | 30·037 | 30· |
| 26 | 29·968 | 29·963 | 29·944 | 29·927 | 29·931 | 29·931 | 29·931 | 29·942 | 29·927 | 29·925 | 29 910 | 29·901 | 29· |
| 27 | ·744 | 29·709 | 29·689 | 29·658 | 29·664 | 29·649 | 29·652 | 29·687 | 29·700 | 29·707 | 29·724 | 29·770 | 29· |
| 28 | 30·065 | 30·078 | 30·084 | 30·096 | 30·110 | 30·129 | 30 156 | 30 178 | 30·184 | 30·184 | 30·183 | 30 193 | 30· |
| 29 | ·385 | ·393 | ·399 | ·411 | ·423 | ·439 | ·441 | ·419 | ·447 | ·434 | ·439 | ·437 | |
| 30 | ·393 | ·383 | ·380 | ·371 | ·375 | ·373 | ·368 | 359 | ·345 | ·319 | ·305 | ·289 | |
| 31 | 30·158 | 30·151 | 30·144 | 30·131 | 30·121 | 30·117 | 30·121 | 30·117 | 30·105 | 30 111 | 30·114 | 30·100 | 30· |

# DRY BULB THERMOMETER

10 FEET ABOVE GROUND

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 36 1 | 35.9 | 35.5 | 34.5 | 33.6 | 34.8 | 40.0 | 44.3 | 46.1 | 46.1 | 50.5 | 52.5 | 53.0 | 53.6 | 54.0 | 54.3 | 52.6 | 51 8 | 48 3 | 45.5 | 43.0 | 42.0 | 40 3 | 40 4 |
| 2 | 38 c | 35 0 | 34.8 | 33 8 | 33·0 | 33. 5 | 38·9 | 41.0 | 45.3 | 50. 3 | 54.9 | 56 0 | 57.5 | 58 9 | 59. 9 | 59 0 | 58 0 | 56.0 | 52.2 | 48.1 | 46.0 | 44.6 | 42.2 | 39 8 |
| 3 | 37.5 | 36.6 | 37.2 | 36.3 | 34.8 | 34.0 | 37.2 | 40 0 | 43.0 | 45.4 | 46 5 | 47 6 | 51.5 | 54. 9 | 56 0 | 57. 3 | 52. 6 | 52.7 | 51.5 | 48.6 | 46. 9 | 46.0 | 46.7 | 46 0 |
| 4 | 46·0 | 45.6 | 45.5 | 40·8 | 45.9 | 46.0 | 47 0 | 47 0 | 47 9 | 49 5 | 50 8 | 51. 9 | 52.2 | 51.6 | 53. 0 | 52. 0 | 52.8 | 52 0 | 51.0 | 50.0 | 49 0 | 47.8 | 48.0 | 47. 8 |
| 5 | 47.0 | 46. 5 | 46. 6 | 46.0 | 45·9 | 46.0 | 46.0 | 45 2 | 46.0 | 46 0 | 46.0 | 46 8 | 47.5 | 49.0 | 48 8 | 48. 3 | 48. 6 | 49 0 | 48.2 | 47.5 | 46 2 | 45·4 | 45.1 | 44·9 |
| 6 | 44·9 | 44. 8 | 45. 0 | 45.0 | 45·0 | 45.2 | 45 2 | 46.5 | 47 9 | 48 6 | 48.6 | 50.0 | 53. 1 | 54. 0 | 57.0 | 57.0 | 56 9 | 56.0 | 54.1 | 49.1 | 46.0 | 45.7 | 46 5 | 46. 1 |
| 7 | 44.9 | 44. 3 | 43 0 | 41.0 | 41. 0 | 42. 0 | 43. 8 | 45. 4 | 45. 8 | 47. 5 | 46.4 | 50. 3 | 57.2 | 50.0 | 50.0 | 49 8 | 50. 1 | 50 0 | 47 0 | 45.0 | 42 8 | 40.0 | 40.0 | 41. 3 |
| 8 | 41. 0 | 41. 0 | 41. 1 | 41. 8 | 41 3 | 41.1 | 43. 6 | 46. 1 | 47. 8 | 48.8 | 49. 9 | 51. 5 | 52. 7 | 52. 8 | 52. 9 | 53. 1 | 52. 2 | 51.0 | 50. 2 | 48. 0 | 48. 5 | 43. 5 | 42 0 | 40. 3 |
| 9 | 39 0 | 38 2 | 38. 1 | 37. 5 | 38. 5 | 40 0 | 43. 4 | 46. 0 | 47. 2 | 48. 6 | 49. 3 | 49. 9 | 50 9 | 51. 0 | 51. 9 | 51. 2 | 50. 8 | 49. 6 | 48. 0 | 44. 8 | 45. 1 | 43 9 | 43 0 | 40 2 |
| 10 | 38 5 | 38. 1 | 37 0 | 35·7 | 37 0 | 39. 4 | 43. 8 | 46. 0 | 46 0 | 47. 0 | 47. 3 | 48 0 | 48. 8 | 47. 8 | 49. 5 | 49. 0 | 47 7 | 47. 8 | 47. 8 | 46. 8 | 46 5 | 46. 1 | 45. 5 | 45 0 |
| 11 | 45·0 | 44. 4 | 44. 4 | 44. 1 | 44. 0 | 44. 3 | 45. 8 | 46 4 | 49. 3 | 48. 0 | 52. 2 | 52. 1 | 52. 5 | 52. 0 | 55. 0 | 55. 0 | 54. 8 | 55. 0 | 52. 0 | 50. 2 | 49. 4 | 48. 8 | 47. 9 | 47. 0 |
| 12 | 46. 0 | 45. 6 | 45. 4 | 44. 6 | 44. 9 | 46. 0 | 47. 3 | 48. 9 | 51. 8 | 54 0 | 55. 3 | 56. 0 | 56. 5 | 57. 0 | 58. 0 | 57. 8 | 57. 0 | 56. 5 | 54. 4 | 51 0 | 48. 0 | 46 0 | 44. 5 | 43. 9 |
| 13 | 43 1 | 43 1 | 42. 8 | 42 8 | 43. 0 | 45. 0 | 47. 1 | 49. 1 | 52. 6 | 57. 0 | 59 0 | 60. 6 | 62 1 | 63. 6 | 64. 2 | 64. 0 | 62. 7 | 61. 4 | 58 0 | 54. 8 | 52. 0 | 49. 8 | 47. 5 | 45. 7 |
| 14 | 44. 3 | 45. 0 | 46 3 | 46. 9 | 47. 5 | 47. 8 | 48. 9 | 50. 2 | 53. 0 | 56. 5 | 61. 4 | 64. 8 | 67. 3 | 69. 2 | 70. 3 | 64. 5 | 68 0 | 66. 6 | 64. 1 | 62. 0 | 60. 9 | 59. 0 | 56. 5 | 53. 0 |
| 15 | 50. 6 | 51. 0 | 49. 8 | 49. 0 | 49. 0 | 49. 0 | 51. 0 | 53 1 | 55. 2 | 60. 3 | 65. 2 | 69. 9 | 70. 9 | 70. 0 | 70. 0 | 68. 2 | 66. 1 | 65. 7 | 61. 0 | 57. 3 | 53. 3 | 51. 1 | 49. 0 | 47. 1 |
| 16 | 46. 0 | 45. 2 | 45. 0 | 44. 7 | 45. 6 | 46. 3 | 48. 2 | 50. 2 | 52. 5 | 54 7 | 57. 0 | 59. 1 | 61. 5 | 62. 5 | 63 0 | 62. 5 | 61. 6 | 60 0 | 55 2 | 51. 6 | 48. 8 | 46 3 | 44. 8 | 43 6 |
| 17 | 43. 5 | 44. 1 | 44. 2 | 44. 1 | 44. 2 | 44 1 | 45. 0 | 45. 7 | 49 2 | 49. 6 | 52. 1 | 52. 7 | 55. 0 | 55. 5 | 57. 0 | 57. 8 | 57. 1 | 56 0 | 54. 3 | 51. 0 | 48. 5 | 46. 3 | 43. 9 | 42 1 |
| 18 | 41 4 | 40 6 | 39 1 | 39 0 | 40 1 | 43. 0 | 46. 1 | 48. 5 | 48 8 | 50. 0 | 51. 7 | 53. 6 | 54. 8 | 55. 1 | 56 0 | 55. 3 | 54. 2 | 53 6 | 51. 8 | 48. 5 | 45. 9 | 44. 3 | 43 1 | 40. 8 |
| 19 | 40 0 | 39. 0 | 38 7 | 35. 7 | 36 8 | 39. 2 | 43 4 | 47. 5 | 49 6 | 52. 0 | 53. 8 | 55. 5 | 56. 5 | 58. 0 | 57. 8 | 57. 1 | 56. 9 | 57. 0 | 56. 6 | 55. 6 | 55. 1 | 56. 0 | 56 6 | 54. 5 |
| 20 | 53. 6 | 53 0 | 51. 5 | 50 0 | 50 0 | 51. 5 | 54. 2 | 56. 6 | 60. 0 | 62. 8 | 65. 0 | 66. 9 | 67. 0 | 67. 0 | 68. 9 | 69. 0 | 68. 0 | 64. 0 | 61. 5 | 59. 5 | 58 0 | 56. 4 | 53. 8 | 51 8 |
| 21 | 50. 1 | 49 7 | 49. 6 | 49. 3 | 49. 7 | 51. 0 | 54. 1 | 58 2 | 61. 3 | 63. 8 | 66. 0 | 69. 0 | 71. 0 | 72. 2 | 73 0 | 72 2 | 71. 1 | 71. 0 | 66. 5 | 63. 5 | 61. 2 | 59 6 | 56 9 | 54. 8 |
| 22 | 54. 2 | 52. 3 | 51. 0 | 49. 9 | 50. 1 | 51. 0 | 55. 0 | 57. 5 | 59. 8 | 60. 5 | 58. 8 | 59. 0 | 60. 5 | 61 6 | 60. 3 | 59. 7 | 59. 9 | 59 0 | 57. 5 | 56. 2 | 54. 7 | 53 0 | 51. 1 | 50. 9 |
| 23 | 50. 0 | 48 4 | 47. 0 | 47. 0 | 47. 0 | 48. 6 | †53. 6 | †55. 9 | †56. 2 | †58. 2 | 60. 2 | 60 0 | 58. 0 | 59. 0 | 57 6 | 57 2 | 57 7 | 57. 1 | 57 0 | 56. 0 | 55. 0 | 54. 0 | 52 6 | 52. 5 |
| 24 | 52. 0 | 51. 9 | 53. 1 | 54. 0 | 54. 0 | 54 5 | 55. 4 | 57. 6 | 58. 5 | 59. 0 | †61. 7 | †59 8 | 59. 9 | 61 5 | 61. 2 | 62 0 | 61 0 | 60. 8 | 59 0 | 58 3 | 56. 6 | 55. 2 | 55 0 | 54. 8 |
| 25 | 53. 2 | 52. 4 | 51. 6 | 51. 7 | 52. 0 | 53. 6 | 54. 4 | 56. 1 | 58. 0 | 59. 3 | 63. 5 | 64. 6 | 66 5 | 67 3 | 69 0 | 69 3 | 70. 0 | 69 0 | 67. 8 | 61. 0 | 58. 2 | 54 2 | 51. 7 | 57. 0 |
| 26 | 49. 0 | 47. 6 | 47. 8 | 47. 0 | 49. 5 | 52. 3 | 57. 0 | 62 2 | 65. 4 | 68. 5 | 73. 0 | 74. 5 | 80 0 | 81 0 | 77 0 | 75. 0 | 74. 8 | 73. 0 | 70. 7 | 68 0 | 66. 0 | 63. 6 | 61 0 | 62 0 |
| 27 | 61 3 | 61. 5 | 59. 5 | 57. 6 | 60. 5 | 61. 6 | 63. 6 | 63. 3 | 63 5 | 65. 7 | 66. 1 | 62 0 | 65. 4 | 65 5 | 64. 5 | 63. 9 | 54. 3 | 53 6 | 52. 3 | 52. 0 | 51. 5 | 51. 0 | 49. 5 | 49. 0 |
| 28 | 48 7 | 48. 3 | 48. 0 | 47. 2 | 47. 0 | 48. 1 | 50. 6 | 52. 5 | 54. 8 | 56. 0 | 57. 5 | 59. 3 | 61. 6 | 57. 0 | 58 3 | 57. 0 | 58. 0 | 59 0 | 58 2 | 54. 3 | 51. 3 | 49. 0 | 47. 3 | 46 6 |
| 29 | 46. 1 | 43. 9 | 43. 2 | 42. 0 | 44. 0 | 46. 0 | 50. 0 | 52. 5 | 54 8 | 55. 9 | 56. 0 | 58. 0 | 58. 7 | 59. 6 | 62. 0 | 62. 3 | 60. 3 | 59. 0 | 58 c | 53. 8 | 52. 0 | 49. 3 | 48 2 | 46. 2 |
| 30 | 46. 2 | 43. 0 | 42. 0 | 39. 9 | 39. 9 | 40. 8 | 45. 2 | 51. 5 | 57. 0 | 59. 3 | 60. 0 | 63. 0 | 62. 0 | 61. 8 | 63. 0 | 64. 2 | 63 3 | 61. 0 | 58 7 | 55. 9 | 53. 0 | 52. 0 | 50 4 | 48 6 |
| 31 | 48. 8 | 48. 0 | 48. 1 | 46. 6 | 47. 1 | 49. 0 | 50. 1 | 51 7 | 51 5 | 50. 0 | 49. 8 | 49. 5 | 50. 0 | 50. 5 | 51. 5 | 51. 1 | 50. 8 | 50 3 | 50 0 | 49. 6 | 48. 5 | 47. 5 | 46. 6 | 46. 6 |

*Record defective or instrument out of action †Reading of Standard ‡Approximate

# HOURLY VALUES MAY 1880.

## CISTERN 34 FEET ABOVE MEAN SEA LEVEL.

| | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS. | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | 30.102 | 30.080 | 30.060 | 30.049 | 30.038 | 30.034 | 30.028 | 30.014 | 30.006 | 29.990 | 30.154 | 1 |
| 89 | 29.771 | 29.767 | 29.763 | 29.769 | 29.777 | 29.780 | 29.783 | 29.779 | 29.767 | .759 | 29.832 | 2 |
| 59 | .651 | .653 | .661 | .675 | .687 | .709 | .729 | 29.745 | .758 | .763 | 29.702 | 3 |
| 34 | 29.933 | .937 | .940 | .943 | .957 | 29.976 | 29.987 | 30.003 | 29.999 | .992 | 29.909 | 4 |
| 07 | 30.004 | .999 | .997 | .991 | .999 | 30.001 | 30.007 | .007 | 30.005 | 29.995 | 30.000 | 5 |
| 86 | 29.972 | 29.966 | 29.970 | 29.978 | 29.979 | .002 | .020 | .037 | .054 | 30.032 | 29.997 | 6 |
| 90 | 30.086 | 30.082 | 30.082 | 30.078 | 30.082 | .084 | .092 | .094 | .092 | .092 | 30.084 | 7 |
| 94 | .042 | .098 | .106 | .123 | .146 | .170 | .194 | .201 | 210 | 218 | 30.118 | 8 |
| 43 | .231 | .221 | 30.217 | 30.213 | 30.214 | 30.227 | 30.225 | 30.223 | 30.215 | 30.203 | 30.238 | 9 |
| 37 | 30.015 | 30.000 | 29.989 | 29.988 | 29.987 | 29.987 | 29.981 | 29.979 | 29.979 | 29.967 | 30.064 | 10 |
| 89 | 29.889 | 29.879 | .884 | 29.881 | 29.899 | 29.907 | 29.919 | 29.917 | 29.920 | 29.922 | 29.909 | 11 |
| 93 | 29.989 | 29.983 | 29.986 | 30.006 | 30.029 | 30.054 | 30.066 | 30.081 | 30.085 | 30.082 | 29.992 | 12 |
| 98 | 30.083 | 30.077 | 30.078 | .087 | .107 | .121 | .134 | .137 | .131 | .139 | 30.103 | 13 |
| 43 | 30.029 | 30.021 | .017 | .025 | .033 | .045 | .053 | .063 | .061 | .069 | 30.073 | 14 |
| 05 | 29.993 | 29.989 | .002 | .014 | .033 | .063 | .084 | .100 | .103 | .094 | 30.053 | 15 |
| 71 | 30.071 | 30.069 | .083 | .091 | .112 | .141 | .157 | .167 | .175 | .186 | 30.109 | 16 |
| 75 | .169 | .161 | .157 | .165 | .173 | .194 | .217 | .229 | .238 | .239 | 30.192 | 17 |
| 10 | .204 | .202 | .206 | .214 | .217 | .240 | .264 | .258 | .260 | .268 | 30.230 | 18 |
| 50 | .126 | .076 | .082 | .078 | .074 | .069 | .078 | .072 | .081 | .096 | 30.169 | 19 |
| 69 | .165 | .165 | .177 | .193 | 211 | .239 | .261 | .269 | .267 | .263 | 30.173 | 20 |
| 26 | 30.100 | 30.082 | 30.074 | 30.060 | 30.050 | 30.058 | 30.058 | 30.054 | 30.031 | 30.006 | 30.144 | 21 |
| 64 | 29.758 | 29.762 | 29.777 | 29.786 | 29.800 | 29.812 | 29.833 | 29.852 | 29.866 | 29.874 | 29 841 | 22 |
| 83 | .877 | .869 | .862 | .857 | .858 | .868 | .857 | .849 | 29.841 | 29.837 | 29.885 | 23 |
| 902 | 29.908 | 29.920 | .928 | .941 | .960 | .960 | 29.990 | .997 | 30.000 | 30.005 | 29.890 | 24 |
| 019 | 30.013 | 30.007 | .999 | .991 | .993 | .999 | 30.001 | 1.988 | 29.987 | 29.977 | 30.013 | 25 |
| 883 | 29.887 | 29.891 | .877 | .857 | .843 | .841 | 29 837 | 29 811 | 29.793 | 29.771 | 29.891 | 26 |
| 776 | 29.788 | 29.818 | 29.862 | 29.904 | 29.936 | 29.972 | 29.984 | 30 019 | 30.040 | 30.053 | 29.808 | 27 |
| 240 | 30.241 | 30.267 | 30.271 | 30.280 | 30.301 | 30.323 | 30.343 | .365 | .371 | .378 | 30 217 | 28 |
| 423 | .413 | .403 | .397 | .397 | .395 | .399 | .407 | .408 | .410 | .401 | 30.416 | 29 |
| 257 | .231 | .205 | .191 | .191 | * | 201 | .203 | .197 | .185 | .169 | 30 282 | 30 |
| 281 | 30.072 | 30.070 | 30.066 | 30.068 | 30.065 | 30 074 | 30 080 | 30.075 | 30.069 | 30.066 | 30 099 | 31 |

## WET BULB THERMOMETER 10 FEET ABOVE GROUND.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT. | MEANS | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 34.8 | 33.5 | 34.3 | 33 0 | 33 9 | 38.2 | 40.5 | 41.2 | 42.8 | 43 5 | 46 0 | * | 47.8 | 47.8 | 48.0 | 48 0 | 46.8 | 44.0 | 42.4 | 40.7 | 40 0 | 39.6 | 39 3 | 41.2 | 1 |
| 35.0 | 34.3 | 33.7 | 33 0 | 33.1 | 37.5 | 40 8 | 43.5 | 46 2 | 46 0 | 46.5 | 47.5 | 50.0 | * | 49.4 | 50.5 | 49.2 | 45.5 | 44.4 | 43.6 | 43.0 | 41.2 | 39 1 | 42.6 | 2 |
| 36.1 | 37.0 | 36 0 | 34.3 | 33.5 | 37.0 | 39.5 | 42.1 | 43.8 | 44.2 | 45.2 | 47 8 | 50 .0 | 51.0 | 51 5 | 48.0 | 48 0 | 48 0 | 46.0 | 45.0 | 44 3 | 44.8 | 44.2 | 43.1 | 3 |
| 43.5 | 43 8 | 43.8 | 43.8 | 43 6 | 44.5 | 44.0 | 44.9 | 45.9 | 46.9 | 47 4 | 47 8 | 47.5 | 49.0 | 49 1 | 48 4 | 47.0 | 47.0 | 46.1 | 45 6 | 45.1 | 45.1 | 45.0 | 45.8 | 4 |
| 44.2 | 44.2 | 43.6 | 43.7 | 43.5 | 43.5 | 43.0 | 43.1 | 43.2 | 43.7 | 43.8 | 44.1 | 45.3 | 45.3 | 44.6 | 45.8 | 44.5 | 44.0 | 43.6 | 43.0 | 43 0 | 43.1 | 43. 1 | 43.9 | 5 |
| 43.1 | 43.0 | 42.9 | 42.9 | 43 0 | 43.0 | 43 4 | 43.9 | 44.2 | 44.6 | 45.0 | 48.0 | 47.5 | 48.0 | 47.0 | 46 8 | 46.3 | 45.4 | 43 6 | 42.1 | 43.2 | 42.9 | 42 0 | 44.3 | 6 |
| 41.9 | 40.2 | 39.0 | 39.3 | 39.6 | 40.0 | 40.1 | * | 41.4 | 41.0 | 42 0 | 42.8 | 42.0 | 42.5 | 42.2 | 43.0 | 42.5 | 41.2 | 40.1 | 39 6 | 38 0 | 37 5 | 39 5 | 40 7 | 7 |
| 38.9 | 39 0 | 39.2 | 39 0 | 39 3 | 40.6 | 41.6 | 42.8 | 40.5 | 42.0 | 43 0 | 44.1 | 43 7 | 43.0 | 43 6 | 42 9 | 42.8 | 42 8 | 42.3 | 40 0 | 39 1 | 38.3 | 37.8 | 41 1 | 8 |
| 36.8 | 36.6 | 36. 0 | 36.6 | 37 8 | 40.2 | 41 9 | 42.0 | 42.5 | 42.5 | 43.0 | 43 0 | 43.5 | 44.5 | 43 6 | 43 5 | 43 0 | 42 0 | 40 6 | 41.2 | 40.1 | 39 3 | 38 0 | 40.6 | 9 |
| 37.0 | 36.3 | 35. 0 | 36.2 | 38.0 | 41.0 | 41.6 | 41.2 | 42.0 | 42.8 | 43.5 | 45 0 | 44.2 | 45.6 | 44 6 | 44.0 | 44.2 | 44 5 | 44.0 | 41.0 | 44.1 | 43 2 | 43.2 | 41.8 | 10 |
| 43.5 | 43. 6 | 43 0 | 42. 9 | 43 0 | 44.0 | 44.3 | 46.0 | 45.1 | 48 0 | 46 9 | 46.0 | 47.8 | 46 0 | 46.0 | 46.1 | 44.8 | 45.3 | 45.1 | 44.7 | 44.5 | 44.2 | 43.9 | 44.9 | 11 |
| 43.2 | 43. 1 | 42.5 | 42. 9 | 43.6 | 44.3 | 45.2 | 46.2 | 46.1 | 46 2 | 47.0 | 47.3 | 47.2 | 48 0 | 48 3 | 47 9 | 47 6 | 46.7 | 45.3 | 44.0 | 43.0 | 42 0 | 41.7 | 43.1 | 12 |
| 41.3 | 41. 1 | 41.1 | 41 7 | 43.3 | 44.6 | 46.0 | 48 3 | 51.0 | 51.8 | 52.3 | 53.0 | 53.3 | 54 0 | 53 5 | 53 0 | 52.1 | 50 9 | 48 9 | 47 3 | 46 1 | 45.0 | 43 6 | 47 7 | 13 |
| 43.5 | 44. 8 | 45.3 | 46.0 | 46 6 | 47.6 | 48.6 | 50.2 | 52.8 | 56 1 | 56 1 | 59.8 | 60.0 | 60 3 | 60.1 | 59.2 | 58 6 | 57 7 | 56 6 | 55.7 | 54 7 | 53.3 | 50 3 | 52 9 | 14 |
| 49.6 | 48. 9 | 48.2 | 48 2 | 48.3 | 49.8 | 51.2 | 52.8 | 56.3 | 59 0 | 60.9 | 61.6 | 60.5 | 60 6 | 60.2 | 59.6 | 57.0 | 55.0 | 52.4 | 49.7 | 48.6 | 46 6 | 45.0 | 53.2 | 15 |
| 43.5 | 43. 1 | 43 0 | 43.2 | 43.6 | 44.4 | 45.3 | 46.8 | 47.9 | 49 5 | 50 0 | 51 1 | 51 0 | 51.7 | 51.3 | 50.6 | 49 9 | 47.5 | 44.6 | 43.0 | 41.9 | 41 0 | 40 3 | 46 2 | 16 |
| 40.0 | 40. 0 | 40.0 | 40 0 | 40.0 | 40.3 | 40 7 | 43.1 | 43.5 | 44.9 | 45.0 | 46 9 | 46 4 | 47 8 | 47.5 | 46 9 | 46.2 | 46.0 | 43.7 | 42 9 | 41.5 | 40 0 | 39 2 | 43.6 | 17 |
| 39.0 | 38. 0 | 37.9 | 38.7 | 41.5 | 43.6 | 42.7 | 43.7 | 43.5 | 44.2 | 45.0 | 45 0 | 46.6 | 46 0 | 46.0 | 45.1 | 44.4 | 43.5 | 41.9 | 40.5 | 39.6 | 39 0 | 37.6 | 42.1 | 18 |
| 36.6 | 36. 7 | 34.8 | 35.8 | 37.5 | 40.5 | 43 3 | 43.6 | 46.8 | 45.6 | 47 3 | 48 0 | 49.5 | 50.2 | 50.9 | 51.6 | 51.5 | 52.0 | 51.6 | 51.7 | 52.0 | 52.6 | 51.8 | 45.7 | 19 |
| 51.3 | 50. 0 | 49.0 | 49.1 | 50.0 | 51.9 | 52.7 | 53.4 | 56.6 | 57.5 | 58.9 | 58.0 | 58.9 | 58 0 | 58 0 | 58.5 | 57.5 | 56.2 | 54.9 | 54.6 | 53.0 | 51.2 | 52.1 | 54.2 | 20 |
| 48.6 | 48. 3 | 48.1 | 48 8 | 49.1 | 51.6 | 54.0 | 55.5 | 56.0 | 57.1 | 57.6 | 58.1 | 55.6 | 57.6 | 58.1 | 58.9 | 57.2 | 54.9 | 54.0 | 53.4 | 53.5 | 52.7 | 51.6 | 53.6 | 21 |
| 50.0 | 48. 6 | 47.6 | 47.7 | 48.5 | 50.6 | 51.0 | 51.1 | 52.2 | 51.9 | 52.0 | 52.9 | 53.5 | 51.1 | 50.7 | 51.6 | 51.4 | 51.6 | 51.0 | 50.6 | 49.5 | 49.2 | 48.1 | 50.6 | 22 |
| 46.6 | 45. 6 | 45.6 | 45.6 | 47.1 | 49.9 | 51.0 | 51.4 | 51.2 | 52.1 | 51.6 | 51.1 | 52.5 | 52.1 | 51.6 | 52.1 | 51.9 | 52.0 | 51.8 | 51.6 | 50.9 | 50.0 | 49.6 | 50.1 | 23 |
| 48.6 | 49. 1 | 49.6 | 50.6 | 51.2 | 51.6 | 51.6 | 52.6 | 52.6 | 54.6 | 53.8 | 54.6 | 55.9 | 56.8 | 56.2 | 56.1 | 56.0 | 55.3 | 54.8 | 54.1 | 53.0 | 52.4 | 52.6 | 53.0 | 24 |
| 50.6 | 49. 7 | 49.8 | 50.4 | 51.2 | 51.4 | 52.2 | 53.6 | 54.4 | 56.6 | 56.2 | 56.4 | 56. | 55.6 | 55.6 | 55.8 | 55.4 | 54.2 | 53.5 | 52.4 | 51.2 | 49.6 | 49.8 | 53.0 | 25 |
| 46.5 | 46. 6 | 46.9 | 48.1 | 50 7 | 52.4 | 53.6 | 57.6 | 57.6 | 58.6 | 59 7 | 62.6 | 62.6 | 59.8 | 58 0 | 60.6 | 61.2 | 59.6 | 57.6 | 57.6 | 57.2 | 56.6 | 57.6 | 55.7 | 26 |
| 56.6 | 56. 5 | 55.6 | 57.2 | 57.6 | 57.7 | 57.2 | 57.2 | 58.1 | 58.6 | 57.3 | 58.2 | 57.8 | 57.6 | 56.2 | 52.6 | 51.1 | 49.7 | 49.5 | 49 | 49.4 | 48.6 | 47.7 | 54.7 | 27 |
| 47.1 | 46. 8 | 45.7 | 49.6 | 46.6 | 47.1 | 48.2 | 48.4 | 48.2 | 47.7 | 48.4 | 49.6 | 49.6 | 48.4 | 47.6 | 47.9 | 49.6 | 47.8 | 45.6 | 46.6 | 46.3 | 46.4 | 46.6 | 47.1 | 28 |
| 42.4 | 42.1 | 41.2 | 42 | 43.6 | 43.6 | 45.7 | 46.1 | 46.6 | 46.5 | * | * | 47.9 | 46.1 | 49.8 | 49.1 | 49.1 | 48.8 | 46.5 | 47.2 | 46.2 | 46.6 | 46.6 | 46.6 | 29 |
| 44.2 | 44.1 | 43.2 | 39 | 39.5 | 40.4 | 44.2 | 48.6 | 50.6 | 49.5 | 50.1 | 52.6 | 51.4 | 52.8 | 53.6 | 53.7 | 53.1 | 52.3 | 48.5 | 47.7 | 46.6 | 46.6 | 46.5 | 47.4 | 30 |
| 46.4 | 46.4 | 46.1 | 45.4 | 45.6 | 47.0 | 47.6 | 47.6 | 47.0 | 47.5 | 47.1 | 48.4 | 49.1 | 50.2 | 49.0 | 49.4 | 48.4 | 48.1 | 47.3 | 46.6 | 46.5 | 46.5 | 46.5 | 47.1 | 31 |

Meteorological Office,
Victoria Street Westminster. S.W.
ROBERT H. SCOTT. Secretary.

# KEW OBSERVATORY LAT: 51° 28' N. LONG: 0° 19 W.

## WIND

DIRECTION IN NUMBERS { 8 = E. 24 = W. / 16 = S. 32 = N. }

| DAYS | 1 D | 1 V | 2 D | 2 V | 3 D | 3 V | 4 D | 4 V | 5 D | 5 V | 6 D | 6 V | 7 D | 7 V | 8 D | 8 V | 9 D | 9 V | 10 D | 10 V | 11 D | 11 V | NOON D | NOON V | D |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 8 | 4 | 8 | 2 | 8 | 1·5 | 8 | 1·5 | 8 | 1·5 | 8 | 1·5 | 8 | 1·5 | 6 | 5·5 | 5 | 10·5 | 3 | 9·5 | 3 | 8·5 | 5 | 11 | 8 |
| 2 | 9 | 1·5 | 9 | 2 | 9 | 1·5 | 9 | 1·5 | 9 | 1·5 | 9 | 2 | 9 | 4 | 9 | 7·5 | 9 | 6·5 | 9 | 10·5 | 9 | 10·5 | 9 | 12 | 8 |
| 3 | 9 | 5 | 9 | 3 | 9 | 4 | 9 | 3 | 9 | 1·5 | 9 | 4·5 | 5 | 8·5 | 5 | 6·5 | 5 | 6·5 | 5 | 10·5 | 3 | 9·5 | 2 | 10·5 | 32 |
| 4 | 2 | 14 | 2 | 13 | 2 | 10·5 | 2 | 13 | 3 | 13 | 1 | 14 | 2 | 15 | 1 | 17 | 2 | 17 | 1 | 16 | 2 | 17 | 2 | 13 | 32 |
| 5 | 32 | 14 | 32 | 10·5 | 32 | 11 | 32 | 11 | 32 | 14 | 32 | 14 | 32 | 15 | 32 | 15 | 32 | 16 | 32 | 16 | 32 | 14 | 32 | 14 | 1 |
| 6 | 2 | 14 | 2 | 13 | 2 | 15 | 4 | 16 | 3 | 14 | 3 | 14 | 3 | 14 | 3 | 14 | 3 | 19 | 3 | 19 | 2 | 17 | 3 | 19 | 4 |
| 7 | 4 | 5·5 | 4 | 5·5 | 4 | 7·5 | 3 | 7·5 | 3 | 8·5 | 2 | 12 | 1 | 15 | 3 | 19 | 2 | 17 | 3 | 15 | 1 | 14 | 3 | 13 | 2 |
| 8 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 2 | 3 | 1·5 | 3 | 1·5 | 3 | 2 | 3 | 3 | 3 | 10·5 | 4 | 9·5 | 5 | 11 | 4 |
| 9 | 3 | 2·5 | 2 | 9·5 | 2 | 7·5 | 2 | 9·5 | 2 | 8·5 | 1 | 12 | 1 | 12 | 3 | 16 | 3 | 17 | 3 | 18 | 2 | 18 | 1 | 13 | 3 |
| 10 | 2 | 4·5 | 2 | 1·6 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 4·5 | 2 | 6·5 | 1 | 7·5 | 1 | 5·5 | 1 | 6·5 | 1 | 10·5 | 1 |
| 11 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | 4 | 1 | 7·5 | 1 | 7·5 | 1 | 7·5 | 1 | 7·5 | 5 | 12 | 7 | 13 | 6 | 16 | 6 | 19 | 8 |
| 12 | 6 | 12 | 6 | 12 | 5 | 13 | 5 | 11 | 4 | 16 | 4 | 17 | 4 | 19 | 5 | 18 | 4 | 22 | 5 | 27 | 5 | 27 | 6 | 25 | 4 |
| 13 | 4 | 10·5 | 4 | 12 | 4 | 11 | 3 | 12 | 3 | 11 | 3 | 14 | 3 | 14 | 3 | 16 | 3 | 16 | 3 | 20 | 3 | 20 | 3 | 20 | 4 |
| 14 | 3 | 10·5 | 3 | 9·5 | 3 | 12 | 3 | 15 | 4 | 15 | 4 | 11 | 2 | 12 | 3 | 14 | 4 | 15 | 4 | 15 | 3 | 17 | 5 | 16 | 4 |
| 15 | 2 | 10·5 | 2 | 13 | 2 | 12 | 2 | 13 | 2 | 14 | 2 | 14 | 2 | 11 | 3 | 15 | 2 | 15 | 3 | 16 | 4 | 20 | 4 | 22 | 4 |
| 16 | 4 | 15 | 4 | 13 | 4 | 12 | 4 | 18 | 4 | 17 | 3 | 22 | 4 | 23 | 4 | 27 | 3 | 19 | 3 | 21 | 3 | 27 | 4 | 23 | 5 |
| 17 | 3 | 15 | 4 | 19 | 3 | 19 | 4 | 18 | 4 | 22 | 4 | 21 | 5 | 22 | 3 | 21 | 4 | 22 | 4 | 18 | 5 | 22 | 5 | 24 | 5 |
| 18 | 4 | 6·5 | 4 | 6·5 | 4 | 6·5 | 3 | 7·5 | 3 | 8·5 | 2 | 9·5 | 2 | 15 | 4 | 19 | 2 | 20 | 2 | 22 | 4 | 21 | 4 | 20 | 3 |
| 19 | 2 | 6·5 | 2 | 4·5 | 2 | 3 | 2 | 1·5 | 2 | 2 | 2 | 3 | 2 | 2 | 2 | 3 | 2 | 4 | 2 | 6·5 | 25 | 6·5 | 24 | 7·5 | 24 |
| 20 | 27 | 3 | 27 | 2 | 27 | 3 | 27 | 2 | 27 | 3 | 27 | 3 | 27 | 7·5 | 27 | 6·5 | 27 | 6·5 | 32 | 6·5 | 2 | 4·5 | 2 | 6·5 | 32 |
| 21 | 7 | 1·5 | 7 | 2 | 7 | 3 | 7 | 3 | 7 | 4 | 7 | 4·5 | 7 | 7·5 | 25 | 9·5 | 26 | 12 | 25 | 10·5 | 24 | 10·5 | 25 | 13 | 25 |
| 22 | 31 | 3 | 31 | 5·5 | 29 | 6·5 | 27 | 7·5 | 23 | 9·5 | 21 | 7·5 | 21 | 11 | 22 | 11 | 23 | 15 | 23 | 14 | 23 | 16 | 24 | 13 | 25 |
| 23 | 25 | 6·5 | 25 | 7·5 | 25 | 5·5 | 25 | 7·5 | 25 | 5·5 | 25 | 6·5 | 24 | 8·5 | 21 | 9·5 | 21 | 11 | 22 | 15 | 22 | 18 | 24 | 20 | 22 |
| 24 | 21 | 17 | 21 | 14 | 22 | 20 | 20 | 18 | 19 | 22 | 20 | 19 | 20 | 19 | 21 | 23 | 21 | 23 | 21 | 26 | 20 | 25 | 21 | 23 | 21 |
| 25 | 19 | 9·5 | 19 | 10·5 | 19 | 13 | 19 | 11 | 19 | 9·5 | 19 | 12 | 19 | 13 | 19 | 16 | 15 | 17 | 19 | 15 | 19 | 13 | 17 | 17 | 18 |
| 26 | 19 | 2 | 19 | 2 | 19 | 2 | 19 | 2 | 19 | 2 | 19 | 3 | 19 | 3 | 19 | 8·5 | 18 | 10·5 | 18 | 10·5 | 20 | 13 | 18 | 15 | 18 |
| 27 | 20 | 4·5 | 20 | 4 | 20 | 3 | 20 | 4 | 20 | 2 | 20 | 6·5 | 19 | 16 | 21 | 18 | 21 | 17 | 21 | 23 | 21 | 25 | 19 | 23 | 20 |
| 28 | 28 | 5·5 | 26 | 4·5 | 26 | 6·5 | 25 | 5·5 | 25 | 6·5 | 25 | 7·5 | 25 | 9·5 | 22 | 10·5 | 25 | 10·5 | 24 | 11 | 25 | 16 | 24 | 16 | 24 |
| 29 | 25 | 7·5 | 25 | 5·5 | 25 | 5·5 | 25 | 4 | 25 | 4·5 | 25 | 4 | 25 | 6·5 | 27 | 9·5 | 27 | 10·5 | 28 | 11 | 28 | 11 | 28 | 9·5 | 29 |
| 30 | 7 | 3 | 7 | 1·5 | 7 | 2 | 7 | 2 | 7 | 3 | 7 | 1·5 | 7 | 2 | 7 | 2 | 7 | 4·5 | 19 | 6·5 | 19 | 5·5 | 17 | 7·5 | 18 |
| 31 | 20 | 1·5 | 20 | 3 | 20 | 2 | 20 | 2 | 20 | 2 | 20 | 4·5 | 26 | 4·5 | 26 | 4 | 26 | 5·5 | 27 | 4·5 | 27 | 4·5 | 27 | 5·5 | 28 |

## RAINFALL

RAIN GAUGE { HEIGHT ABOVE GROUND 2 FEET / HEIGHT ABOVE MEAN SEA LEVEL 20 FEET }

| DAYS | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | ·005 | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | | | ·005 | ·005 | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | | | | ·025 | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | | | | |
| 31 | | | | | | | | | | | ·015 | ·046 | ·015 | ·045 | ·035 | ·025 | ·045 | | | | | | | |

* Record defective or Instrument out of action † Obtained from reading of Standard ‡ Approximat

# HOURLY VALUES MAY 1880

## AND VELOCITY IN MILES PER HOUR.

| 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | 9 | | 10 | | 11 | | MIDT. | | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | D | V | |
| 14 | 9 | 13 | 9 | 11 | 9 | 12 | 9 | 9.5 | 9 | 9.5 | 9 | 10.5 | 9 | 8.5 | 9 | 8.5 | 9 | 4.5 | 9 | 2 | 1 |
| 12 | 7 | 13 | 7 | 13 | 9 | 12 | 9 | 12 | 9 | 10.5 | 9 | 8.5 | 9 | 7.5 | 9 | 4 | 9 | 2 | 9 | 2 | 2 |
| 12 | 1 | 12 | 2 | 17 | 6 | 9.5 | 5 | 8.5 | 5 | 10.5 | 5 | 8.5 | 3 | 7.5 | 3 | 8.5 | 3 | 9.5 | 3 | 10.5 | 3 |
| 18 | 2 | 14 | 1 | 15 | 32 | 14 | 1 | 13 | 1 | 12 | 7 | 11 | 1 | 13 | 32 | 9.5 | 32 | 11 | 32 | 13 | 4 |
| 14 | 32 | 15 | 1 | 16 | 32 | 14 | 32 | 14 | 1 | 13 | 2 | 16 | 1 | 17 | 2 | 11 | 2 | 12 | 2 | 14 | 5 |
| 16 | 5 | 19 | 3 | 22 | 3 | 17 | 4 | 18 | 4 | 11 | 7 | 6.5 | 7 | 6.5 | 7 | 7.5 | 7 | 6.5 | 4 | 12 | 6 |
| 13 | 3 | 14 | 2 | 11 | 2 | 10.5 | 2 | 9.5 | 3 | 7.5 | 3 | 5.5 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 7 |
| 13 | 3 | 13 | 3 | 12 | 2 | 14 | 3 | 14 | 3 | 12 | 3 | 8.5 | 3 | 7.5 | 3 | 7.5 | 3 | 7.5 | 3 | 6.5 | 8 |
| 15 | 1 | 15 | 1 | 16 | 2 | 15 | 3 | 15 | 3 | 13 | 2 | 7.5 | 2 | 8.5 | 2 | 7.5 | 2 | 7.5 | 2 | 45 | 9 |
| 8.5 | 32 | 4 | 32 | 4 | 32 | 5.5 | 32 | 4.5 | 32 | 6.5 | 32 | 4 | 32 | 3 | 32 | 2 | 1 | 5.5 | 1 | 3 | 10 |
| 14 | 8 | 18 | 7 | 18 | 8 | 20 | 8 | 22 | 7 | 22 | 7 | 17 | 7 | 16 | 7 | 17 | 6 | 13 | 6 | 8.5 | 11 |
| 27 | 5 | 25 | 5 | 23 | 4 | 23 | 4 | 20 | 4 | 21 | 4 | 15 | 4 | 18 | 4 | 15 | 4 | 12 | 4 | 13 | 12 |
| 19 | 4 | 18 | 4 | 18 | 4 | 19 | 4 | 15 | 4 | 15 | 4 | 14 | 4 | 15 | 4 | 11 | 4 | 10.5 | 4 | 9.5 | 13 |
| 21 | 8 | 21 | 7 | 23 | 8 | 23 | 8 | 16 | 8 | 11 | 8 | 12 | 5 | 12 | 5 | 13 | 5 | 11 | 2 | 12 | 14 |
| 20 | 4 | 21 | 2 | 23 | 3 | 24 | 3 | 23 | 3 | 21 | 4 | 18 | 2 | 21 | 4 | 16 | 3 | 15 | 3 | 15 | 15 |
| 25 | 5 | 26 | 5 | 24 | 5 | 24 | 4 | 22 | 3 | 23 | 4 | 21 | 4 | 18 | 3 | 16 | 3 | 16 | 4 | 16 | 16 |
| 24 | 6 | 22 | 6 | 23 | 4 | 25 | 5 | 22 | 6 | 22 | 5 | 17 | 4 | 16 | 4 | 14 | 4 | 9.5 | 4 | 9.5 | 17 |
| 22 | 4 | 21 | 2 | 22 | 3 | 21 | 1 | 20 | 3 | 16 | 2 | 10.5 | 2 | 10.5 | 2 | 6.5 | 2 | 6.5 | 2 | 5.5 | 18 |
| 9.5 | 28 | 11 | 24 | 13 | 26 | 6.5 | 26 | 6.5 | 26 | 4.5 | 26 | 4.5 | 26 | 3 | 26 | 4.5 | 27 | 5.5 | 27 | 4.5 | 19 |
| 8.5 | 32 | 8.5 | 32 | 14 | 3 | 13 | 4 | 14 | 7 | 10.5 | 7 | 11 | 7 | 7.5 | 7 | 4 | 7 | 2 | 7 | 2 | 20 |
| 12 | 28 | 9.5 | 30 | 7.5 | 26 | 9.5 | 26 | 4.5 | 30 | 5.5 | 31 | 5.5 | 31 | 3 | 31 | 2 | 31 | 3 | 31 | 3 | 21 |
| 19 | 27 | 15 | 26 | 16 | 26 | 14 | 25 | 17 | 25 | 13 | 26 | 10.5 | 25 | 9.5 | 25 | 9.5 | 25 | 5.5 | 25 | 8.5 | 22 |
| 18 | 21 | 16 | 21 | 17 | 20 | 18 | 21 | 15 | 21 | 15 | 21 | 15 | 19 | 18 | 19 | 16 | 20 | 21 | 20 | 17 | 23 |
| 22 | 20 | 16 | 21 | 16 | 20 | 19 | 19 | 17 | 20 | 14 | 19 | 14 | 20 | 12 | 20 | 9.5 | 20 | 7.5 | 20 | 8.5 | 24 |
| 17 | 21 | 19 | 21 | 17 | 19 | 15 | 20 | 12 | 19 | 8.5 | 19 | 4 | 19 | 3 | 19 | 3 | 19 | 2 | 19 | 1.5 | 25 |
| 17 | 18 | 16 | 18 | 17 | 20 | 6.5 | 20 | 3 | 20 | 4 | 20 | 3 | 20 | 4 | 20 | 3 | 20 | 3 | 20 | 4 | 26 |
| 26 | 18 | 25 | 24 | 13 | 29 | 10.5 | 29 | 9.5 | 30 | 9.5 | 30 | 6.5 | 30 | 3 | 30 | 4.5 | 30 | 4 | 28 | 5.5 | 27 |
| 16 | 26 | 19 | 27 | 19 | 24 | 12 | 24 | 12 | 26 | 10.5 | 26 | 7.5 | 26 | 4.5 | 26 | 8.5 | 25 | 7.5 | 25 | 5.5 | 28 |
| 9.5 | 26 | 10.5 | 24 | 9.5 | 27 | 4.5 | 27 | 4 | 27 | 4 | 27 | 4 | 3 | 8.5 | 7 | 7.5 | 7 | 5.5 | 7 | 4 | 29 |
| 11 | 16 | 9.5 | 14 | 9.5 | 15 | 12 | 16 | 9.5 | 20 | 10.5 | 20 | 5.5 | 20 | 4.5 | 20 | 4 | 20 | 2 | 20 | 2 | 30 |
| 3 | 28 | 3 | 28 | 3 | 28 | 4 | 28 | 4 | 28 | 4.5 | 30 | 4 | 30 | 7.5 | 1 | 8.5 | 1 | 7.5 | 2 | 8.5 | 31 |

## VAPOUR TENSION IN INCHES BY GLAISHER'S TABLES, 5TH EDITION.

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | MIDT | DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| .190 | .171 | .196 | .181 | .184 | .211 | .212 | .210 | .219 | .214 | .242 | * | †.264 | .263 | .265 | .271 | .264 | .241 | .237 | .228 | .225 | .223 | .228 | 1 |
| .204 | .192 | .192 | .188 | .184 | .210 | .253 | .261 | .266 | .224 | .226 | .233 | .268 | * | †.259 | .286 | .278 | .235 | .250 | .257 | .258 | .247 | .230 | 2 |
| .207 | .218 | .208 | .192 | .186 | .218 | .237 | .257 | .267 | .263 | .272 | .289 | .303 | .317 | .313 | .281 | .280 | .293 | .280 | .276 | .272 | .275 | .269 | 3 |
| .259 | .266 | .263 | .262 | .257 | .264 | .253 | .262 | .269 | .276 | .275 | .281 | .281 | .299 | .290 | .288 | .266 | .276 | .267 | .268 | .267 | .265 | .265 | 4 |
| .263 | .269 | .257 | .260 | .255 | .255 | .251 | .246 | .248 | .259 | .251 | .250 | .261 | .263 | .253 | .258 | .245 | .241 | .240 | .242 | .249 | .254 | .256 | 5 |
| .257 | .253 | .251 | .251 | .251 | .251 | .247 | .242 | .242 | .248 | .245 | .276 | .258 | .244 | .227 | .225 | .222 | .219 | .227 | .227 | .231 | .237 | .224 | 6 |
| .239 | .219 | .215 | .221 | .218 | .206 | .195 | * | †.196 | .187 | .189 | .197 | .191 | .200 | .196 | .207 | .200 | .200 | .199 | .210 | .207 | .198 | .222 | 7 |
| .213 | .214 | .213 | .213 | .220 | .220 | .217 | .222 | .178 | .192 | .198 | .207 | .209 | .189 | .196 | .192 | .198 | .204 | .211 | .194 | .195 | .195 | .200 | 8 |
| .202 | .200 | .195 | .197 | .203 | .215 | .223 | .212 | .211 | .206 | .209 | .202 | .210 | .220 | .210 | .211 | .212 | .206 | .209 | .217 | .208 | .202 | .205 | 9 |
| .207 | .206 | .196 | .204 | .214 | .226 | .218 | .211 | .214 | .226 | .234 | .257 | .249 | .263 | .247 | .246 | .249 | .255 | .253 | .259 | .266 | .253 | .257 | 10 |
| .272 | .274 | .264 | .263 | .261 | .267 | .267 | .273 | .265 | .285 | .263 | .242 | .283 | .223 | .223 | .226 | .203 | .233 | .245 | .245 | .247 | .248 | .251 | 11 |
| .252 | .251 | .248 | .252 | .257 | .257 | .260 | .262 | .232 | .225 | .235 | .237 | .230 | .238 | .239 | .242 | .242 | .240 | .242 | .243 | .244 | .239 | .239 | 12 |
| .239 | .238 | .238 | .249 | .260 | .265 | .275 | .288 | .304 | .304 | .300 | .300 | .295 | .305 | .296 | .295 | .288 | .294 | .280 | .272 | .269 | .269 | .260 | 13 |
| .264 | .279 | .283 | .292 | .302 | .313 | .322 | .327 | .353 | .381 | .396 | .416 | .409 | .397 | .400 | .400 | .391 | .394 | .388 | .377 | .372 | .371 | .342 | 14 |
| .338 | .335 | .327 | .327 | .330 | .343 | .351 | .368 | .399 | .416 | .416 | .410 | .405 | .408 | .411 | .402 | .359 | .358 | .334 | .311 | .298 | .276 | .274 | 15 |
| .262 | .253 | .257 | .252 | .253 | .249 | .249 | .258 | .260 | .273 | .266 | .268 | .258 | .266 | .268 | .257 | .257 | .250 | .224 | .218 | .220 | .216 | .215 | 16 |
| .204 | .203 | .204 | .203 | .204 | .202 | .204 | .217 | .221 | .224 | .222 | .239 | .227 | .241 | .231 | .224 | .221 | .228 | .213 | .219 | .213 | .206 | .210 | 17 |
| .219 | .217 | .216 | .219 | .245 | .256 | .216 | .231 | .217 | .216 | .216 | .207 | .215 | .217 | .221 | .214 | .206 | .204 | .201 | .200 | .196 | .196 | .192 | 18 |
| .192 | .197 | .190 | .198 | .207 | .216 | .235 | .223 | .242 | .225 | .244 | .249 | .266 | .281 | .301 | .319 | .316 | .332 | .334 | .341 | .340 | .347 | .350 | 19 |
| .355 | .342 | .334 | .337 | .342 | .353 | .362 | .379 | .379 | .379 | .396 | .372 | .372 | .354 | .353 | .375 | .390 | .383 | .372 | .367 | .359 | .342 | .338 | 20 |
| .328 | .322 | .321 | .333 | .326 | .349 | .364 | .368 | .353 | .358 | .344 | .338 | .279 | .314 | .329 | .292 | .319 | .306 | .310 | .318 | .337 | .345 | .341 | 21 |
| .331 | .313 | .301 | .301 | .311 | .316 | .300 | .282 | .298 | .308 | .308 | .314 | .316 | .277 | .275 | .292 | .295 | .314 | .314 | .318 | .317 | .327 | .302 | 22 |
| .295 | .289 | .289 | .289 | .305 | †.313 | †.318 | †.323 | †.298 | .299 | .291 | .298 | .319 | .324 | .316 | .323 | .324 | .327 | .335 | .339 | .332 | .327 | .324 | 23 |
| .302 | .300 | .301 | .324 | .335 | .332 | .313 | .327 | .321 | †.340 | †.341 | .360 | .376 | .376 | .377 | .386 | .385 | .388 | .384 | .386 | .373 | .372 | .367 | 24 |
| .345 | .333 | .334 | .345 | .344 | .340 | .344 | .357 | .361 | .372 | .351 | .338 | .323 | .301 | .299 | .298 | .297 | .302 | .323 | .347 | .337 | .329 | .318 | 25 |
| .303 | .302 | .296 | .319 | .334 | .337 | .360 | .377 | .349 | .335 | .347 | †.371 | †.362 | †.332 | .307 | .366 | .395 | .376 | .353 | .381 | .385 | .399 | .416 | 26 |
| .394 | .416 | .415 | .423 | .420 | .399 | .389 | .387 | .386 | .395 | .407 | .400 | .381 | .387 | .414 | .373 | .342 | .324 | .323 | .327 | .333 | .316 | .315 | 27 |
| .308 | .304 | .288 | .289 | .298 | .282 | .287 | .269 | .258 | .236 | .235 | .239 | .275 | .243 | .237 | .236 | .259 | .233 | .221 | .246 | .228 | .254 | .257 | 28 |
| .253 | .255 | .249 | .257 | .257 | .269 | .244 | .235 | .227 | * | * | .230 | .228 | .241 | .227 | .240 | .244 | .252 | .254 | .250 | .286 | .297 | .295 | 29 |
| .268 | .258 | .231 | .238 | .246 | .278 | .307 | .296 | .256 | .261 | .284 | .270 | .289 | .305 | .299 | .292 | .263 | .241 | .249 | .249 | .254 | .253 | .239 | 30 |
| .258 | .260 | .260 | .283 | .268 | .285 | .282 | .285 | †.286 | .300 | .294 | .319 | .332 | .347 | .322 | .311 | .321 | .324 | .317 | .307 | .306 | .294 | .292 | 31 |

Meteorological Office,
116, Victoria Street, Westminster. S. W.
ROBERT H. SCOTT, Secretary.

# VALENCIA OBSERVATORY LAT: 51° 55'. N. LONG: 10° 18' W

## BAROMETER

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON. | 1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 30.148 | 30.146 | 30.157 | 30.164 | 30.177 | 30.199 | 30.223 | 30.237 | 30.247 | 30.254 | 30.253 | 30.257 | 30.2 |
| 2 | .300 | .296 | .291 | .273 | .264 | .268 | .253 | .257 | .264 | .261 | .255 | .240 | .2 |
| 3 | .177 | .168 | .167 | .147 | .158 | .152 | .142 | .151 | .147 | .154 | .150 | .150 | .1 |
| 4 | .130 | .134 | .130 | .138 | .132 | .145 | .158 | .154 | .130 | .139 | .158 | .176 | .1 |
| 5 | .246 | .251 | .239 | .245 | .245 | .260 | .251 | .262 | .258 | .257 | .250 | .246 | .2 |
| 6 | 30.164 | 30.149 | 30.134 | 30.113 | 30.104 | 30.104 | 30.107 | 30.105 | 30.105 | 30.094 | 30.103 | 30.107 | 30.1 |
| 7 | 29.849 | 29.822 | 29.796 | 29.782 | 29.787 | 29.797 | 29.808 | 29.847 | 29.877 | 29.896 | 29.899 | 29.914 | 29.9 |
| 8 | .775 | .707 | .704 | .719 | .716 | .722 | .727 | .732 | .741 | .749 | .765 | .775 | .7 |
| 9 | .771 | .765 | .754 | .743 | .740 | .741 | .739 | .739 | .738 | .733 | .728 | .727 | .7 |
| 10 | .748 | .755 | .754 | .753 | .766 | .779 | .791 | .803 | .809 | .811 | .814 | .822 | .8 |
| 11 | .893 | .899 | .898 | .897 | .898 | .902 | .898 | .902 | .902 | .896 | .892 | .878 | .88 |
| 12 | .668 | .646 | .623 | .613 | .609 | .608 | .609 | .614 | .617 | .628 | .645 | .656 | .66 |
| 13 | 29.787 | 29.796 | 29.800 | 29.818 | 29.839 | 29.870 | 29.880 | 29.900 | 29.917 | 29.938 | 29.958 | 29.974 | 29.9 |
| 14 | 30.180 | 30.185 | 30.186 | 30.190 | 30.201 | 30.213 | 30.223 | 30.231 | 30.243 | 30.250 | 30.247 | 30.251 | 30.2 |
| 15 | .305 | .301 | .297 | .296 | .305 | .307 | .315 | .326 | .327 | .334 | .336 | .338 | .3 |
| 16 | .305 | .292 | .281 | .269 | .252 | .251 | .254 | .245 | .242 | .221 | .214 | .203 | .1 |
| 17 | .100 | .103 | .094 | 30.099 | 30.103 | 30.103 | 30.102 | 30.113 | 30.112 | 30.118 | 30.109 | 30.110 | 30.1 |
| 18 | 30.063 | 30.044 | 30.028 | 29.999 | 29.989 | 29.977 | 29.957 | 29.948 | 29.933 | 29.912 | 29.895 | 29.882 | 29.8 |
| 19 | 29.720 | 29.696 | 29.681 | .663 | .658 | .643 | .643 | .634 | .625 | .608 | .599 | .579 | .5 |
| 20 | .456 | .454 | .445 | .441 | .436 | .440 | .446 | .459 | .467 | .480 | .489 | .494 | .4 |
| 21 | .483 | .480 | .477 | .480 | .483 | .487 | .493 | .499 | .507 | .519 | .519 | .526 | .5 |
| 22 | .634 | .633 | .638 | .639 | .641 | .651 | .659 | .678 | .689 | .709 | .723 | .725 | .7 |
| 23 | .747 | .743 | .738 | .733 | .733 | .737 | .736 | .740 | .747 | .748 | .749 | .749 | .7 |
| 24 | .766 | .767 | .763 | .756 | .759 | .766 | .763 | .766 | .768 | .772 | .785 | .789 | .7 |
| 25 | .764 | .753 | .746 | .741 | .732 | .737 | .745 | .751 | .753 | .754 | 29.753 | 29.758 | 29.7 |
| 26 | 29.863 | 29.873 | 29.881 | 29.895 | 29.909 | 29.926 | 29.949 | 29.972 | 29.989 | 29.998 | 30.005 | 30.014 | 30.0 |
| 27 | 30.104 | 30.102 | 30.094 | 30.095 | 30.087 | 30.084 | 30.077 | 30.074 | 30.074 | 30.073 | .078 | .087 | .0 |
| 28 | .098 | .100 | .100 | .097 | .099 | .097 | 30.098 | 30.098 | 30.101 | 30.109 | 30.110 | 30.108 | 30.1 |
| 29 | 30.059 | 30.042 | 30.030 | 30.014 | 30.009 | 30.001 | 29.996 | 29.993 | 29.981 | 29.963 | 29.955 | 29.950 | 29.9 |
| 30 | 29.793 | 29.774 | 29.769 | 29.761 | 29.758 | 29.762 | 29.762 | 29.769 | 29.774 | 29.780 | 29.786 | 29.796 | 29.7 |
| 31 | | | | | | | | | | | | | |

## DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

| DAYS. | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | NOON | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11. | MIDT | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 52.6 | 52.9 | 50.7 | 49.9 | 49.1 | 51.3 | 52.7 | 54.2 | 55.3 | 57.3 | 56.1 | 57.4 | 59.2 | 59.0 | 59.2 | 59.8 | 56.7 | 56.2 | 58.5 | 55.9 | 54.0 | 51.8 | 52.1 | 51.4 | |
| 2 | 52.9 | 51.5 | 51.6 | 51.7 | 52.1 | 53.6 | 56.1 | 56.2 | 55.9 | 56.8 | 59.7 | 62.2 | 64.1 | 63.0 | 63.5 | 62.4 | 60.5 | 59.9 | 59.1 | 59.4 | 57.9 | 57.9 | 55.1 | 55.0 | |
| 3 | 54.6 | 54.7 | 52.8 | 51.7 | 53.1 | 53.8 | 54.3 | 56.4 | 57.2 | 58.2 | 57.8 | 59.5 | 61.3 | 60.0 | 60.1 | 60.2 | 60.8 | 59.7 | 57.8 | 54.9 | 53.6 | 54.5 | 55.0 | 54.0 | |
| 4 | 53.2 | 51.8 | 50.6 | 50.2 | 49.2 | 49.8 | 50.4 | 51.7 | 52.7 | 52.6 | 52.8 | 54.4 | 57.0 | 57.1 | 57.8 | 56.2 | 55.6 | 55.5 | 54.1 | 52.1 | 49.9 | 49.4 | 49.0 | 48.8 | |
| 5 | 48.9 | 48.2 | 48.3 | 49.1 | 49.5 | 49.8 | 51.4 | 51.7 | 54.4 | 53.9 | 55.4 | 55.7 | 55.6 | 57.4 | 57.4 | 53.5 | 54.3 | 54.6 | 53.8 | 53.5 | 53.8 | 53.7 | 53.6 | 53.3 | |
| 6 | 53.1 | 53.3 | 53.2 | 53.0 | 52.9 | 53.2 | 53.3 | 53.8 | 53.7 | 55.3 | 55.8 | 56.1 | 56.5 | 57.3 | 56.9 | 56.8 | 54.8 | 55.2 | 53.9 | 53.2 | 52.7 | 50.6 | 52.2 | 54.0 | |
| 7 | 54.2 | 54.1 | 53.8 | 53.7 | 53.2 | 52.6 | 52.9 | 52.5 | 54.1 | 54.2 | 54.2 | 56.0 | 55.5 | 55.8 | 56.0 | 54.2 | 54.9 | 53.4 | 53.5 | 52.3 | 51.8 | 51.5 | 51.1 | 51.2 | |
| 8 | 51.2 | 49.7 | 49.2 | 47.7 | 48.8 | 49.1 | 47.5 | 50.7 | 51.3 | 53.3 | 52.6 | 53.4 | 54.7 | 54.6 | 54.3 | 55.2 | 54.5 | 54.8 | 54.2 | 52.6 | 49.8 | 48.5 | 48.6 | 47.8 | |
| 9 | 46.8 | 46.2 | 45.2 | 43.2 | 45.1 | 45.5 | 47.2 | 50.7 | 51.8 | 52.2 | 52.9 | 53.2 | 54.0 | 54.3 | 54.2 | 55.1 | 55.2 | 54.7 | 54.6 | 53.2 | 50.4 | 48.1 | 46.7 | 46.3 | |
| 10 | 45.1 | 44.8 | 42.8 | 43.2 | 42.5 | 45.4 | 48.3 | 51.0 | 53.1 | 54.7 | 53.8 | 54.9 | 54.2 | 56.2 | 57.3 | 56.1 | 56.2 | 56.9 | 56.6 | 59.6 | 53.3 | 50.2 | 48.9 | 47.8 | |
| 11 | 46.8 | 45.6 | 45.5 | 44.7 | 46.6 | 48.8 | 50.7 | 52.9 | 54.3 | 55.1 | 54.8 | 57.4 | 57.7 | 57.6 | 58.0 | 59.2 | 57.5 | 56.1 | 55.6 | 54.5 | 54.6 | 55.0 | 55.2 | 55.2 | |
| 12 | 54.9 | 54.9 | 55.6 | 55.4 | 55.7 | 56.1 | 56.5 | 56.8 | 57.6 | 57.4 | 57.8 | 57.3 | 57.2 | 56.9 | 56.9 | 56.6 | 56.1 | 55.4 | 55.6 | 55.6 | 52.9 | 52.1 | 52.6 | 52.2 | |
| 13 | 51.1 | 50.4 | 50.4 | 51.4 | 50.9 | 52.5 | 53.5 | 54.7 | 55.3 | 55.9 | 57.0 | 57.3 | 57.1 | 57.2 | 57.4 | 57.6 | 58.2 | 57.5 | 58.0 | 56.1 | 53.2 | 52.7 | 52.2 | 51.7 | |
| 14 | 51.8 | 51.1 | 51.1 | 50.6 | 51.5 | 52.4 | 53.5 | 54.4 | 55.1 | 56.0 | 57.2 | 58.0 | 57.7 | 57.2 | 58.9 | 58.9 | 59.0 | 58.4 | 57.9 | 57.8 | 53.7 | 52.1 | 50.2 | 50.0 | |
| 15 | 49.7 | 50.2 | 49.6 | 49.0 | 49.9 | 51.8 | 54.9 | 55.8 | 57.6 | 59.1 | 60.2 | 58.6 | 59.4 | 59.3 | 59.0 | 59.2 | 59.1 | 58.2 | 59.4 | 57.5 | 54.4 | 53.3 | 54.1 | 53.6 | |
| 16 | 52.4 | 51.8 | 51.5 | 51.1 | 50.8 | 52.3 | 53.8 | 55.4 | 56.0 | 59.0 | 61.1 | 62.6 | 60.9 | 64.0 | 59.3 | 60.2 | 60.9 | 60.3 | 61.6 | 62.0 | 60.9 | 60.2 | 62.0 | 60.2 | |
| 17 | 59.3 | 59.1 | 58.6 | 58.3 | 58.0 | 58.2 | 58.7 | 58.9 | 59.2 | 60.2 | 61.5 | 64.5 | 63.9 | 64.3 | 65.4 | 67.2 | 70.0 | 72.8 | 64.1 | 61.6 | 58.4 | 55.7 | 53.6 | 53.5 | |
| 18 | 53.3 | 53.4 | 54.8 | 55.6 | 55.0 | 56.7 | 58.3 | 61.5 | 63.3 | 65.9 | 66.2 | 68.0 | 68.2 | 71.1 | 71.0 | 71.2 | 70.9 | 71.7 | 64.6 | 61.2 | 57.9 | 57.0 | 56.4 | 56.8 | |
| 19 | 54.9 | 54.8 | 54.7 | 55.3 | 54.6 | 55.6 | 57.3 | 59.1 | 61.6 | 61.7 | 63.0 | 60.4 | 60.3 | 61.7 | 61.2 | 61.1 | 59.9 | 59.1 | 58.3 | 57.6 | 57.1 | 56.8 | 56.9 | 56.4 | |
| 20 | 56.0 | 56.3 | 56.1 | 56.2 | 55.8 | 55.5 | 55.4 | 55.9 | 56.7 | 56.8 | 58.3 | 60.7 | 63.0 | 63.0 | 63.3 | 62.9 | 63.1 | 62.0 | 61.3 | 59.3 | 58.2 | 56.3 | 55.8 | 53.9 | |
| 21 | 54.6 | 53.3 | 53.7 | 53.6 | 53.7 | 54.9 | 55.8 | 58.0 | 62.1 | 59.6 | 58.4 | 59.3 | 62.0 | 63.1 | 62.2 | 63.8 | 62.9 | 61.8 | 61.6 | 59.0 | 57.8 | 56.6 | 56.6 | 57.0 | |
| 22 | 56.2 | 56.0 | 56.1 | 57.3 | 56.6 | 57.3 | 58.2 | 59.1 | 59.6 | 60.6 | 61.1 | 62.2 | 61.9 | 63.2 | 61.4 | 63.6 | 62.7 | 62.9 | 63.5 | 59.4 | 57.3 | 56.4 | 56.3 | 56.2 | |
| 23 | 56.1 | 56.8 | 55.9 | 55.7 | 55.3 | 56.4 | 58.0 | 57.1 | 57.5 | 59.2 | 61.2 | 61.0 | 61.6 | 62.4 | 62.0 | 62.5 | 62.4 | 62.8 | 62.5 | 59.4 | 57.4 | 55.9 | 55.8 | 54.6 | |
| 24 | 53.9 | 54.3 | 53.4 | 52.4 | 51.9 | 53.2 | 56.0 | 58.7 | 59.4 | 61.3 | 61.0 | 61.9 | 62.0 | 63.0 | 62.8 | 63.3 | 63.7 | 63.3 | 60.0 | 59.9 | 58.7 | 57.6 | 56.9 | 56.3 | |
| 25 | 57.5 | 57.3 | 56.9 | 56.4 | 56.4 | 57.6 | 59.2 | 60.9 | 61.4 | 63.6 | 63.6 | 62.0 | 58.8 | 62.9 | 62.0 | 60.3 | 59.6 | 61.0 | 60.9 | 62.7 | 60.8 | 59.0 | 57.7 | 57.3 | |
| 26 | 57.1 | 57.5 | 56.8 | 56.6 | 56.6 | 57.6 | 58.7 | 59.3 | 58.8 | 60.6 | 61.3 | 61.7 | 61.4 | 62.2 | 63.3 | 64.0 | 64.6 | 62.3 | 61.9 | 59.4 | 59.9 | 58.8 | 58.4 | 58.2 | |
| 27 | 58.3 | 58.5 | 58.8 | 58.4 | 58.2 | 58.5 | 58.4 | 58.9 | 59.0 | 59.2 | 60.0 | 62.4 | 62.3 | 63.0 | 62.5 | 62.4 | 61.2 | 60.7 | 60.7 | 60.8 | 60.3 | 60.3 | 60.0 | 60.0 | |
| 28 | 59.9 | 59.8 | 59.2 | 59.2 | 59.1 | 59.0 | 59.0 | 59.0 | 59.3 | 59.4 | 59.7 | 60.0 | 59.6 | 59.9 | 60.7 | 59.7 | 59.6 | 59.4 | 58.8 | 58.6 | 58.7 | 58.4 | 58.3 | 58.1 | |
| 29 | 57.9 | 58.2 | 58.1 | 58.0 | 58.3 | 58.6 | 59.2 | 59.3 | 59.7 | 59.4 | 60.0 | 59.9 | 58.6 | 59.2 | 59.3 | 58.9 | 58.3 | 58 | 58.3 | 58.1 | 58.0 | 58.3 | 58.0 | 58.0 | |
| 30 | 57.9 | 57.6 | 57.4 | 57.3 | 57.4 | 57.4 | 57.7 | 58.2 | 58.9 | 59.3 | 59.3 | 60.1 | 61.1 | 60.8 | 60.6 | 61.2 | 60.9 | 59.7 | 57.9 | 56.9 | 56.5 | 55.6 | 56.1 | 55.6 | |
| 31 | | | | | | | | | | | | | | | | | | | | | | | | | |

* Record defective or Instrument out of action. † Reading of Standard ‡ Approximat